

Anti-Phospho-STAT5A/B (Tyr694/699)



TECHNICAL SPECIFICATIONS

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Rabbit Anti-Phospho Signal Transducer and Activator of Transcription 5A/B (STAT5A/B)(Tyr694/699) Polyclonal Antibody Product #: KAP-TF015

Immunogen

A synthetic phosphopeptide corresponding to amino acids surrounding Tyr694 of human STAT5A and Tyr699 of human STAT5B, coupled to KLH.

Specificity

This antibody detects an ~90 kDa protein, corresponding to the apparent molecular mass of phosphorylated STAT5A/B (Tyr649/699) on SDS-PAGE immunoblots, in samples from human origin.

Species Reactivity

Reacts with Human. Predicted to react with mouse, rat, bovine, pig, sheep, chicken, Xenopus, monkey and zebrafish, based on sequence similarity to the immunogen.

Applications

Certified*

Western Blot (ECL)	1.0 µg/mL
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*These working dilutions are provided as suggestions only. Further dilutions may be possible. Each user should determine the optimal conditions for their own particular experiment.

Positive Controls

HeLa cells treated with interferon- α .

Scientific Background

The STAT proteins (signal transducer and activator of transcription) comprise a family of transcription factors. STATs are activated through tyrosine phosphorylation, mainly by JAK kinases, which results in their dimerization, nuclear translocation and regulation of gene expression. STAT5 activity is induced by numerous cytokines and growth factors. While STAT5A and STAT5B share 96% amino acid homology, the two isoforms have distinct physiological functions. Phosphorylation of tyrosine 694/699 is a key marker of STAT5A/B activation. Reviewed in Bromberg and Darnell (2000).

References

1. Bromberg J. and Darnell JE. Jr. (2000) *Oncogene*, 19: 2468-2473.

Rev: 10/10/00

CERTIFICATE OF ANALYSIS

Anti-Phospho-STAT5A/B (Tyr694/699) Product #: KAP-TF015

Format: Rabbit immunoglobulin in phosphate buffered saline (PBS) pH 7.2, 0.09% azide and 50% glycerol. This antibody was purified on a phosphopeptide bound column using immunoaffinity chromatography. It was also cross-absorbed against the non-phosphorylated peptide to remove antibodies that may detect the non-phosphorylated form of the protein.

Host: Rabbit **Antibody Type:** Polyclonal

Certification: 1.0 µg/mL of KAP-TF015 was sufficient for detection of phosphorylated STAT5A/B (Tyr694/699) in 20µg of interferon- α treated HeLa cell lysate by ECL immunoblot analysis.

Note: Stressgen makes every effort to provide a consistent source of high quality polyclonal antisera. However due to variations inherent in this technology, investigators are urged to purchase sufficient quantities of a specific lot number if an identical antisera is required throughout a study.

Storage & Handling: Store product at -20°C. Storage below -20°C is not recommended. For maximum product recovery, after thawing, centrifuge the product vial before removing cap.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES: This product is not to be used for diagnostic nor therapeutic purposes. By accepting this product, the user confirms that it will be used for research purposes only. Stressgen warrants that its products conform to the information published by Stressgen. Purchaser must determine the suitability of the product for their particular use. Please refer to the MSDS for product safety information.



MATERIAL SAFETY DATA SHEET

Section 1 - Product Identification and Use

Product Name: Rabbit Anti-Phospho-STAT5A/B (Tyr694/699) Polyclonal Antibody **Product#** KAP-TF015

This product is sold only for research use by qualified laboratory personnel, and is not to be used as a drug, medical device, food additive, cosmetic, nor household chemical. It is not to be used in diagnostic, therapeutic, consumer, agricultural, nor pesticidal applications.

Manufacturer's Name: Assay Designs Inc.
Street Address: 5777 Hines Drive
City, Prov. Postal Code: Ann Arbor, MI 48108
Phone: (800) 833-8651 (Toll Free in North America)
Fax: (734) 688-2793

Section 2 - Hazardous Ingredients

The physical, chemical and toxicological properties of these components have not been fully investigated. It is recommended that all laboratory personnel follow standard laboratory safety procedures when handling this product. Safety procedures should include wearing OSHA approved safety glasses, gloves and protective clothing. Direct physical contact with this product should be avoided.

<u>Known Hazardous Components</u>	<u>CAS Number</u>	<u>Percent</u>
Sodium Azide	26628-22-8	0.09

Section 3 - Physical Data

This product consists of purified rabbit immunoglobulin in phosphate buffered saline (PBS) pH 7.2, 0.09% azide and 50% glycerol shipped on gel packs (dry ice overseas). The physical properties of this product have not been investigated thoroughly.

Section 4 - Fire and Explosion Hazard

NOT APPLICABLE

Section 5 - Reactivity Data

NOT APPLICABLE

Section 6 - Toxicological Properties

May be harmful by inhalation, ingestion, or skin absorption. The toxicological properties of this product have not been investigated thoroughly. Exercise due caution.

Section 7 - Preventative Measures

Wear chemical safety goggles and compatible chemical-resistant gloves. Avoid inhalation, contact with eyes, skin or clothing.

*****MULTIPLE COMPONENT SPILL OR LEAK PROCEDURES*****

- Wear protective equipment.
- Absorb on sand or vermiculite and place in closed containers for disposal.
- Dispose or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

Section 8 - First Aid Measures

- If swallowed, wash out mouth with water, provided person is conscious. Call a physician.
- In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If a rash or other irritation develops, call a physician.
- If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
- In case of eye contact, flush with copious amounts of water for at least 15 minutes while separating the eyelids with fingers. Call a physician.

Section 9 - Preparation

Prepared by:
Assay Designs Inc.

Phone#:
(734) 668-6113
Toll Free in North America: (800) 833-8651

Created:
10/10/06

Modified:
10/10/06

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Stressgen shall not be held liable for any damage resulting from handling or from contact with the above product. See the Technical Specification, Packing Slip, Invoice, and Product Catalogue for additional terms and conditions of sale.



The Buyer's Guide for Life Scientists

Zobrazit všechny cesty

Králík Anti-Stat5 A / B, fosfo (Tyr694 / Tyr699) polyklonální protilátka, Unconjugated od vzory Obsah / Stressgen (nyní Enzo Life Sciences)



Informace o výrobku

Informace o firmě

ŽÁDOST O
INFORMACE

Králík Anti-Stat5 A / B, fosfo (Tyr694 / Tyr699) polyklonální protilátka, Unconjugated od vzory Obsah / Stressgen (nyní Enzo Life Sciences)



Katalog

Králík Anti-Stat5 A / B, fosfo (Tyr694 / Tyr699) polyklonální protilátka, Unconjugated

Společnosti

Obsah vzory / Stressgen (nyní Enzo Life Sciences)

Cena

ŽÁDOST O Žádost o informace o tomto produktu
INFORMACE
Informace o cenách

Více informací

Zobrazit Společnost Stránka produktu

Antigen

Stat5 A / B, fosfo (Tyr694 / Tyr699)

Katalogové číslo

ADI-KAP-TF015-D

Množství

50 mikrogramů

Reaktivita

Lidské, (myš, krysa, skot, prasata, ovce, kuře, Xenopus, opice, ryby

Konjugovat

Nekonjugovaného

Žádosti

Western blot

Hostitelských druhů

Králík

Typ

Polyklonální protilátka

Formulář

Imunoafinitních

Popis

[PTyr694/Tyr699] Stat5 A / B, PAB

Kontaktní informace

Obsah vzory / Stressgen (nyní Enzo Life Sciences)

Enzo biologické vědy International, Inc
5120 Butler Pike
Plymouth Meeting, PA 19462-1202

Zákaznický servis: 800-942-0430

Faxové číslo: 610-941-9252

Webové stránky: <http://www.enzolifesciences.com/>

Poznámka: Biocompare zřídá veškeré informace na těchto stránkách. Informace o ceně je přibližná cena podle ceníku a aktuální ceny se mohou lišit.





[PTyr⁶⁹⁴ / Tyr⁶⁹⁹] Stat5 A / B, PAB

[Signálu snímače a aktivátor transkripce]

ADI-KAP-TF015-D	50 mikrogramů	190,00 USD	1	BUY
ADI-KAP-TF015-F	200 mg	370,00 USD	1	BUY

Specifikace produktu

Čistota Detail: Imunoafinitních očištěn.

Formulace: Kapaliny. V PBS, pH 7,2, obsahující 50% glycerol a 0,09% azidu sodného.

Imunogen: Syntetický peptid odpovídající část lidského Stat5 fosforylovaného na Tyr¹⁸⁰ / ⁶⁹⁹ Tyr.

Zdroj / Host: Z králíka.

Specifičnost: Rozpozná lidské Stat5 A / B. Detekuje kapela ~ 90kDa od Western blot.

Použití: Western Blot (1µg/ml, ECL)
Optimální podmínky musí být stanovena individuálně pro každou aplikaci.

Přepravní: Dopravit na Blue Ice

Dlouhodobé skladování: -20 ° C

Různé / Obecné: Statistiky (signálu převodníky a aktivátory transkripce) jsou rodina cytoplazmatických faktorů, latentní, které jsou aktivovány transkripční regulace genové exprese v reakci na velký počet extracelulární signální polypeptidů, včetně cytokiny, interferony, a růstových faktorů. Po fosforylace tyrosin kináz JAK, statistiky zadejte jádra regulovat transkripce různých genů.

Katalog Toolbox

Zdroje informací o produktech

[Datashet](#)

SOUVISEJÍCÍ VÝROBKY

[HeLa \(buněčného lysátu\)](#)
[Kozí anti-králíčí IgG, PAB...](#)

Podle katalogu sekci:

[Rakovina](#)
[Analýza buněčné](#)
[DNA Nařízení & Transcri...](#)
[Zánět](#)
[Signální transdukcce](#)

Biologickou aktivitu:

[STAT polyklonální protilátka](#)

KATALOG PODPORA

[Technický servis](#)
[Hromadně Množství Citace](#)
[Zákaznický servis](#)

PRODUCT DATA SHEET



ADI-KAP-TF015

[pTyr⁶⁹⁴/Tyr⁶⁹⁹]Stat5 A/B, pAb

[signal transducer and activator of transcription]

Product Number/Sizes

ADI-KAP-TF015-D 50 µg
ADI-KAP-TF015-F 200 µg

Product Specifications

PURITY DETAIL: Immunoaffinity purified.
FORMULATION: Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide.
IMMUNOGEN: Synthetic peptide corresponding to a portion of human Stat5 phosphorylated at Tyr¹⁸⁰/Tyr⁶⁹⁹.
SOURCE/HOST: From rabbit.
SPECIFICITY: Recognizes human Stat5 A/B. Detects a band of ~90kDa by Western blot.
APPLICATION: Western Blot (1µg/ml, ECL)
Optimal conditions must be determined individually for each application.
SHIPPING: SHIPPED ON BLUE ICE
LONG TERM STORAGE: -20°C

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WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

MATERIAL SAFETY DATA: This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Before use, the user must review the complete Material Safety Data Sheet.

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