

## Anti-STAT6 antibody [YE361] ab32520


[1 References](#) | [8 Images](#)

## Overview

<b>Product name</b>	Anti-STAT6 antibody [YE361]
<b>Description</b>	Rabbit monoclonal [YE361] to STAT6
<b>Specificity</b>	The antibody does not cross-react with other Stat family members.
<b>Tested applications</b>	WB, IHC-P, ICC/IF, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	A synthetic peptide corresponding to residues near C-terminus of human Stat-6.
<b>Positive control</b>	NIH 3T3 cell lysate, human skin carcinoma tissue and HeLa cells.
<b>General notes</b>	<p>Produced using Abcam's RabMAb<sup>®</sup> technology. RabMAb<sup>®</sup> technology is covered by the following U.S. Patents, No. 5,675,063 and/or 7,429,487.</p> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p> <p>Alternative versions available:</p> <p><a href="#">Anti-STAT6 antibody (Alexa Fluor<sup>®</sup> 488) [YE361] (ab196478)</a></p> <p><a href="#">Anti-STAT6 antibody (Alexa Fluor<sup>®</sup> 647) [YE361] (ab196928)</a></p> <p><a href="#">Anti-STAT6 antibody (HRP) [YE361] (ab196480)</a></p> <p><a href="#">Anti-STAT6 antibody (Alexa Fluor<sup>®</sup> 594) [YE361] (ab207012)</a></p> <p><a href="#">Anti-STAT6 antibody (Alexa Fluor<sup>®</sup> 555) [YE361] (ab207014)</a></p> <p><a href="#">Anti-STAT6 antibody (Alexa Fluor<sup>®</sup> 568) [YE361] (ab207015)</a></p>

## Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
<b>Purity</b>	IgG fraction
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	YE361
<b>Isotype</b>	IgG

## Applications

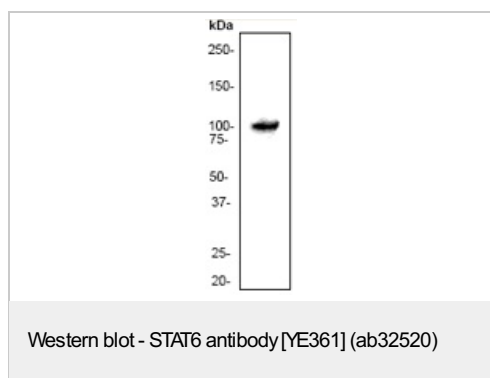
Our [Abpromise guarantee](#) covers the use of **ab32520** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>WB</b>		1/2000. Detects a band of approximately 100 kDa (predicted molecular weight: 94 kDa).
<b>IHC-P</b>		Use at an assay dependent concentration.
<b>ICC/IF</b>		1/100.
<b>IP</b>		1/80.
<b>Application notes</b>		Is unsuitable for Flow Cyt.

<b>Function</b>	Carries out a dual function: signal transduction and activation of transcription. Involved in interleukin-4 signalling.
<b>Sequence similarities</b>	Belongs to the transcription factor STAT family. Contains 1 SH2 domain.
<b>Post-translational modifications</b>	Tyrosine phosphorylated following stimulation by IL-4 and IL-3.
<b>Cellular localization</b>	Cytoplasm. Nucleus. Translocated into the nucleus in response to phosphorylation.

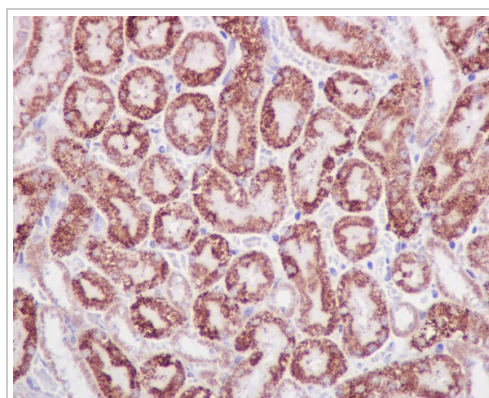
## Anti-STAT6 antibody [YE361] images



Anti-STAT6 antibody [YE361] (ab32520) at 1/1000 dilution  
+ NIH 3T3 cell lysate

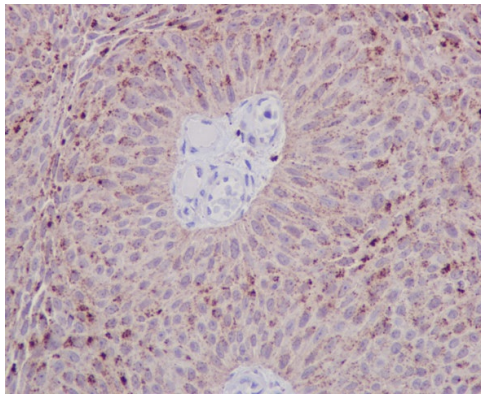
**Predicted band size** : 94 kDa

**Observed band size** : 100 kDa



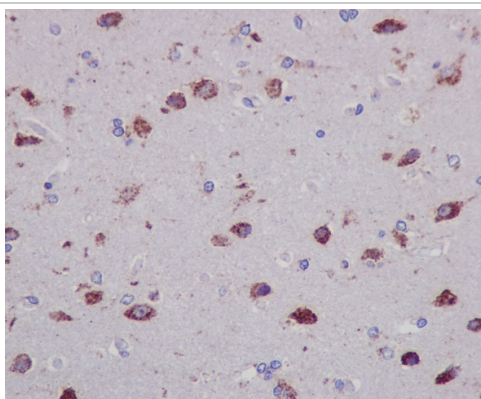
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse kidney tissue sections labelling STAT6 with ab32520 at a dilution of 1/1000. HRP goat anti-rabbit (ab97051) was used at a dilution of 1/500. The antigen retrieval solution was Tris-EDTA buffer, pH 9.0.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STAT6 antibody [YE361] (ab32520)



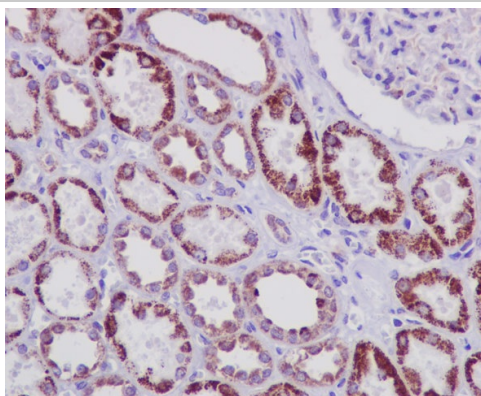
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STAT6 antibody [YE361] (ab32520)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human transitional cell carcinoma of bladder tissue sections labelling STAT6 with ab32520 at a dilution of 1/1000. HRP goat anti-rabbit (ab97051) was used at a dilution of 1/500. The antigen retrieval solution was Tris-EDTAbuffer, pH 9.0.



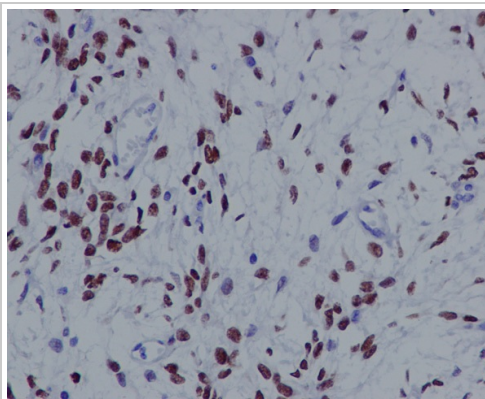
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STAT6 antibody [YE361] (ab32520)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human glioma tissue sections labelling STAT6 with ab32520 at a dilution of 1/1000. HRP goat anti-rabbit (ab97051) was used at a dilution of 1/500. The antigen retrieval solution was Tris-EDTAbuffer, pH 9.0.



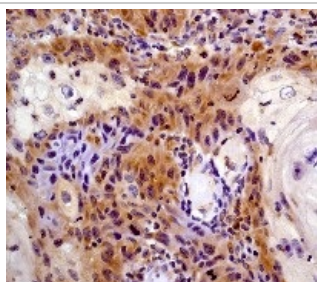
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STAT6 antibody [YE361] (ab32520)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney tissue sections labelling STAT6 with ab32520 at a dilution of 1/1000. HRP goat anti-rabbit (ab97051) was used at a dilution of 1/500. The antigen retrieval solution was Tris-EDTAbuffer, pH 9.0.



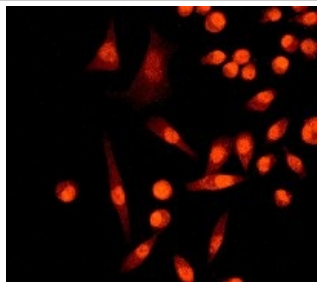
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STAT6 antibody [YE361] (ab32520)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human solitary fibrous tumor tissue sections labelling STAT6 with ab32520 at a dilution of 1/1000. HRP goat anti-rabbit (ab97051) was used at a dilution of 1/500. The antigen retrieval solution was Tris-EDTAbuffer, pH 9.0.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STAT6 antibody [YE361] (ab32520)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human skin carcinoma tissue labelling STAT6 with ab32520 at 1/100.



Immunocytochemistry/Immunofluorescence - STAT6 antibody [YE361] (ab32520)

Immunocytochemistry/Immunofluorescence analysis of HeLa cells labelling STAT6 with ab32520 at 1/100.

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