

Czech Republic Home HPA028692 - Anti-CA6 antibody produced in rabbit

**SIGMA-ALDRICH**

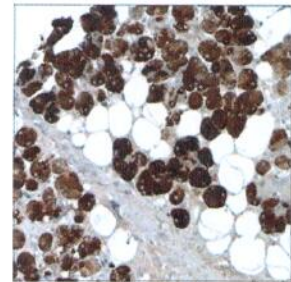
HPA028692 SIGMA

## Anti-CA6 antibody produced in rabbit

Prestige Antibodies® Powered by Atlas Antibodies, affinity isolated antibody, buffered aqueous glycerol solution, ab2

Synonym: Anti-carbonic anhydrase VI

SDS

Human Protein Atlas Number HPA028692 [Human Protein Atlas characterization data](#)

### Properties

Related Categories	<a href="#">Alphabetical Index</a> , <a href="#">Analytical and Industrial Enzymes</a> , <a href="#">Antibodies</a> , <a href="#">Antibodies to Carbonic Anhydrase</a> , <a href="#">Application Index</a> , <a href="#">More...</a>
species reactivity	human
application(s)	immunohistochemistry (formalin-fixed, paraffin-embedded sections): suitable
clone	polyclonal
antibody form	affinity isolated antibody
form	buffered aqueous glycerol solution
grade	Prestige Antibodies® Powered by Atlas Antibodies
immunogen sequence	SEISGSEHTVDGIRHVIEIHVHYN SKYKSYDIAQDAPDGLAVLAAFVEV KNYPENTYYSNFISHLANIKYPGQR TTLTGLDVQDMLPRNLQHYTTY
shipped in	wet ice
storage temp.	-20°C
Gene Information	human ... <a href="#">CA6(765)</a>
biological source	rabbit
conjugate	unconjugated

### Description

#### Immunogen

carbonic anhydrase VI recombinant protein epitope signature tag (PrEST)

#### Physical form

Solution in phosphate-buffered saline, pH 7.2, containing 40% glycerol and 0.02% sodium azide.

#### Application

Anti-CA6 antibody produced in rabbit, a Prestige Antibody, is developed and validated by the Human Protein Atlas (HPA) project ([www.proteinatlas.org](http://www.proteinatlas.org)). Each antibody is tested by immunohistochemistry against hundreds of normal and disease tissues. These images can be viewed on the Human Protein Atlas (HPA) site by clicking on the Image Gallery link. The antibodies are also tested using immunofluorescence and western blotting. To view these [protocols](#) and other useful information about Prestige Antibodies and the HPA, visit [sigma.com/prestige](http://sigma.com/prestige).

#### Legal Information

Prestige Antibodies is a registered trademark of Sigma-Aldrich Co. LLC

#### Features and Benefits

##### Antibody Bioguarantee

Evaluate our antibodies with complete peace of mind. If the antibody does not perform in your application, we will issue a full credit or replacement antibody. [Learn more.](#)

#### Linkage

Corresponding Antigen [APREST76737](#).

## Price and Availability

SKU-Pack Size	Availability	Price (EUR/CZK)	Quantity
HPA028692-100UL	- FROM	9,315.00	<input type="text" value="0"/>

[Bulk orders?](#)



**EVALUATE WITH PEACE OF MIND**

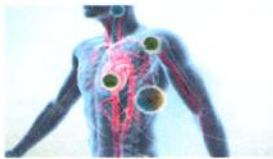
FULL CREDIT OR REPLACEMENT IF OUR ANTIBODY DOESN'T PERFORM IN YOUR APPLICATION



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## Personalized Product Recommendations



**HPA028550**  
 Anti-CA6 antibody produced in rabbit  
 Prestige Antibodies® Powered by Atlas Antibodies, affinity isolated antibody, buffered aqueous glycerol solution, ab1



**C3934**  
 Carbonic Anhydrase from bovine erythrocytes  
 lyophilized powder, ≥2,500 W-A units/mg protein

## Safety Information

RIDADR	NONH for all modes of transport
WGK Germany	1

## Documents

### Certificate of Analysis

Enter Lot No.

[Bulk Quote-Order Product](#)

[SDS](#)

[Specification Sheet](#)

[Antibody Explorer](#)

[Compatible Secondary Abs](#)

[IHC Procedure \(80 KB\)](#)

[Protein Array Procedure \(79 KB\)](#)

## Articles

### Antibody Basics

Immunoglobulins (Igs) are produced by B lymphocytes and secreted into plasma. The Ig molecule in monomeric form is a glycoprotein with a molecular weight of approximately 150 kDa that is shaped like a Y. The binding specificity of the purified Prestige Antibodies® is determined on protein arrays, using PrEST protein fragments, to ensure high specificity toward its antigen and low background binding.

Keywords: Affinity chromatography, Centrifugation, Chromatography, Digestions, High performance liquid chromatography, Ion Exchange, Microscopy, Precipitation, Purification, Scanning electron microscopy

## Protocols

### Prestige Antibody Protein Array Procedure

The binding specificity of the purified Prestige Antibodies® is determined on protein arrays, using PrEST protein fragments, to ensure high specificity toward its antigen and low background binding.

Keywords: Microarray Analysis, Molecular probes

### Prestige Antibody® Immunofluorescence Procedure

Prestige Polyclonals and Monoclonals have been used for subcellular localization studies by immunocytochemistry (ICC) - immunofluorescence (IF) staining in three to five human cell lines using the following protocol.

Keywords: Immunocytochemistry, Immunofluorescence, Immunostaining, Sample preparations

### Prestige Antibody® Immunohistochemistry Procedure

Prestige Polyclonals and Monoclonals developed for immunohistochemistry based expression profiling are recommended to use according to the standard IHC staining protocol described below.

Keywords: Dehydration reaction, Gene expression, Hydration reaction, Immunohistochemistry, Immunostaining, Tissue microarrays

### Prestige Antibody® Protein Immunoblotting Procedure

WB Protocol Revision B, currently used in our P&QC procedures, is an optimized version of the Human Protein Atlas (HPA) original protocol. The HPA original protocol can be found on our website.

Keywords: Catalytic combustion detector, Electrophoresis, Gene expression, Sample preparations, Western blot

## Related Content

### Antibody Explorer - Over 80,000 Products

Monoclonal and polyclonal primary antibodies are focused on cell biology, neurobiology and molecular biology. Secondary antibodies targeting multiple host's IgG are conjugated to alkaline phosphatase, horseradish peroxidase, or fluorescent dyes.

Keywords: Buffers, Cell biology, Enzyme-linked immunosorbent assay, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Molecular biology, Peptide synthesis, Phosphorylations, Protein synthesis, Western blot

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