

A14997

Leader in Biomolecular Solutions for Life Science



# CAS9 Rabbit pAb

Catalog No.: A14997 **6 Publications**

## Basic Information

### Observed MW

160kDa

### Calculated MW

### Category

Polyclonal Antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human, Other (Wide Range Predicted)

## Background

Staphylococcus aureus Cas9 (SaCas9) is an RNA-guided endonuclease that targets complementary DNA adjacent to a protospacer adjacent motif (PAM) for cleavage. Its small size facilitates in vivo delivery for genome editing in various organisms.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

901176

### Swiss Prot

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 450-730 of streptococcus pyogenes m1 gas CAS9 (NP\_269215.1).

### Synonyms

CAS9

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

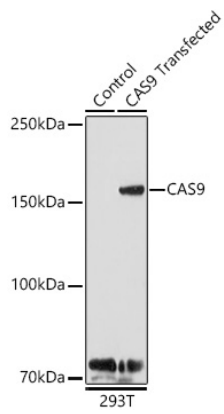
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of 293T cells and 293T transfected with CAS9 protein, using CAS9 Rabbit pAb (A14997) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 120s.