

Product Name: CRISPR Cas9 SP Rabbit Polyclonal Antibody
Catalog #: APRab00375

Summary

Production Name	CRISPR Cas9 SP Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF,FC
Reactivity	Streptococcus pyogenes

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	cas9
Alternative Names	Cas9; CRISPR-associated endonuclease Cas9/Csn1; CRISPR-Cas9/Csn1; csn1; SpyCas9
Gene ID	-
SwissProt ID	Q99ZW2

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 FC: 1/50-1/100
Molecular Weight	Calculated MW: 158 kDa; Observed MW: 158 kDa

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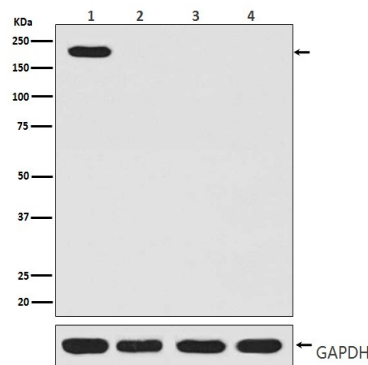
Background

The CRISPR associated protein 9 (Cas9) is an RNA-guided DNA nuclease and part of the *Streptococcus pyogenes* CRISPR antiviral immunity system that provides adaptive immunity against extra chromosomal genetic material. CRISPR/Cas9 genome editing tools have been used in many organisms, including mouse and human cells.

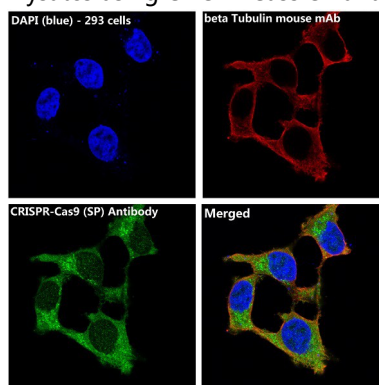
Research Area

Microbiology

Image Data



Western blot analysis of CRISPRCas9 SP in (1) 293T lysates transfected with CRISPRCas9; (2) 293T lysates; (3) 3T3 lysates; (4) PC-12 lysates using CRISPR Cas9 SP antibody.



Immunofluorescence analysis of CRISPR Cas9 SP in 293T transfected with CRISPRSpCas9 using CRISPRCas9 SP antibody.

Note

For research use only.