

For Research Use Only

Cas9 Polyclonal antibody

Catalog Number: 26758-1-AP **2 Publications**



Basic Information

Catalog Number:

26758-1-AP

Size:

150ul, Concentration: 650 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25281

GenBank Accession Number:

NP_269215

GeneID (NCBI):

UNIPROT ID:

Q99ZW2

Full Name:

Calculated MW:

160 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB

Species Specificity:

bacteria

Cited Species:

human

Positive Controls:

WB : HeLa cells, A431 cells

IP : HeLa cells,

Background Information

Cas9 (CRISPR associated protein 9) is an RNA-guided DNA endonuclease enzyme associated with the CRISPR (Clustered Regularly Interspaced Short Palindromic Repeats) adaptive immunity system in *Streptococcus pyogenes*. This antibody detects the sp Cas9.

Notable Publications

Author	Pubmed ID	Journal	Application
Soohwan Oh	34040254	Nature	WB
Jingxuan Li	36721155	Clin Epigenetics	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

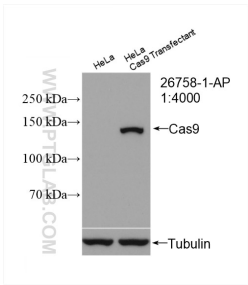
For technical support and original validation data for this product please contact:

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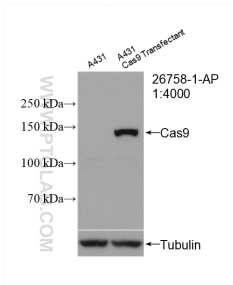
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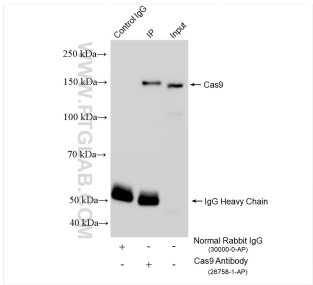
Selected Validation Data



HeLa cells transfected with CRISPR-Cas9 were subjected to SDS PAGE followed by western blot with 26758-1-AP (Cas9 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



A431 cells transfected with CRISPR-Cas9 were subjected to SDS PAGE followed by western blot with 26758-1-AP (Cas9 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP result of anti-Cas9 (IP:26758-1-AP, 4ug; Detection:26758-1-AP 1:1000) with HeLa cells transfected with CRISPR-Cas9 600 ug.