

For Research Use Only

HA tag Polyclonal antibody

Catalog Number: 51064-2-AP **267 Publications**



Basic Information

Catalog Number:

51064-2-AP

Size:

150ul, Concentration: 1000 µg/ml by Nanodrop and 807 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Calculated MW:

1 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:3000-1:8000

IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB

IF 1:10-1:100

Applications

Tested Applications:

IF, IP, WB, ELISA

Cited Applications:

ChIP, CoIP, IF, IHC, IP, WB

Species Specificity:

recombinant protein

Cited Species:

bacterial, Bat, human, mouse, pig, plant, yeast

Positive Controls:

WB: recombinant protein, Transfected HEK-293 cells

IP: Transfected HEK-293 cells,

IF: Transfected HEK-293 cells,

Background Information

Protein tags are protein or peptide sequences located either on the C- or N- terminal of the target protein, which facilitates one or several of the following characteristics: solubility, detection, purification, localization and expression. The HA tag is corresponds to amino acid residues YPYDVPDYA of human influenza virus hemagglutinin(HA). Many recombinant proteins have been engineered to express the HA tag, which does not appear to interfere with the bioactivity or the biodistribution of the recombinant protein. This tag facilitates the detection, isolation, and purification of the proteins. The HA tag is useful in western blotting and immunohistochemical localization of expressed fusion proteins when examined with antibodies raised specifically against the HA-tag.

Notable Publications

Author	Pubmed ID	Journal	Application
Ning Wang	34696392	Viruses	WB
Damilare D Akintade	33003464	Cells	
Yongxiang Zhao	33035816	Vet Microbiol	

Storage

Storage:

Store at -20°C.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

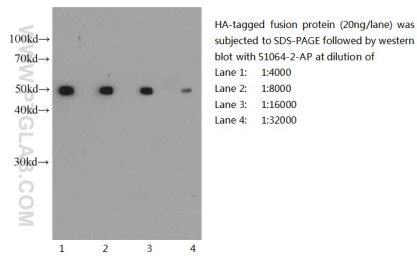
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

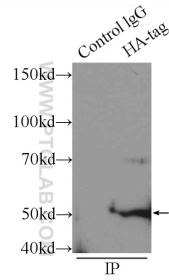
E: proteintech@ptglab.com
W: ptglab.com

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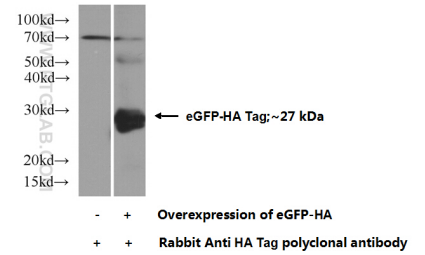
Selected Validation Data



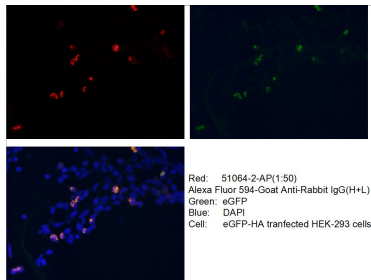
Western blot of HA-tagged fusion protein with anti-HA-tag (51064-2-AP) at various dilutions.



IP Result of anti-HA tag (IP:51064-2-AP, 3ug; Detection:51064-2-AP 1:2000) with Transfected HEK-293 cells lysate 500ug.



Transfected HEK-293 cells were subjected to SDS PAGE followed by western blot with 51064-2-AP (HA tag antibody at dilution of 1:3000 incubated at room temperature for 1.5 hours).



Immunofluorescent analysis of Transfected HEK-293 cells using 51064-2-AP (HA tag antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).