

For Research Use Only

6*His, His-tag Polyclonal antibody

Catalog Number: 10001-O-AP

116 Publications



Basic Information

Catalog Number:

10001-O-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

5

Full Name:

6*His, His Tag

Calculated MW:

1 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP, ChIP

Species Specificity:

recombinant protein

Cited Species:

human, mouse

Positive Controls:

WB: recombinant protein,

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. His tag is often used for affinity purification and binding assays. Expressed His-tagged proteins can be purified and detected easily because the string of histidine residues binds to several types of immobilized metal ions, including nickel, cobalt and copper, under specific buffer conditions. The antibody reacts to the 6*His tagged protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Xinyu Liang	36290675	Antioxidants (Basel)	WB
Yuqi Zhai	36168805	Open Biol	WB
Chengfei Li	36038241	Anal Chim Acta	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

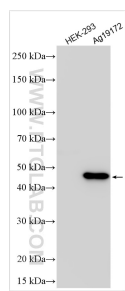
For technical support and original validation data for this product please contact:

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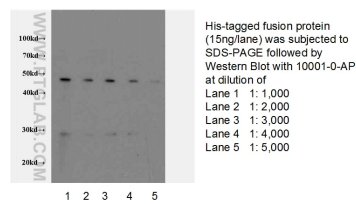
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10001-O-AP (6³His, His-tag antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Western blot of 6³His-tagged fusion protein with anti-6³HIS tag (10001-O-AP) at various dilutions.