

For Research Use Only

6*His, His-tag Polyclonal antibody

Catalog Number:10001-0-AP **101 Publications**



Basic Information

Catalog Number: 10001-0-AP	GenBank Accession Number: GeneID (NCBI): 5	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	Full Name: 6*His, His Tag	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Calculated MW: 1 kDa	
Isotype: IgG		

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : recombinant protein,
Cited Applications: WB, IHC, IF, IP, CoIP, ChIP	
Species Specificity: recombinant protein	
Cited Species: human	

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

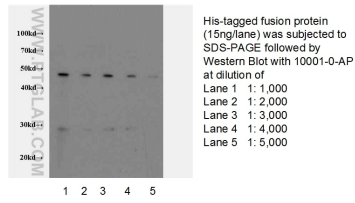
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

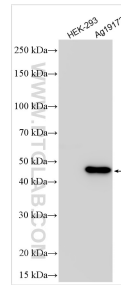
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Western blot of 6⁺His-tagged fusion protein with anti-6⁺HIS tag (10001-0-AP) at various dilutions.



Various lysates were subjected to SDS PAGE followed by western blot with 10001-0-AP (6⁺His, His-tag antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.