

His-tag rabbit pAb**Cat#: orb763951 (Manual)**

For research use only. Not intended for diagnostic use.

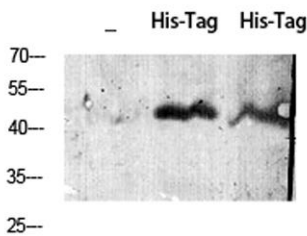
Product Name	His-tag rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Species independent
Recommended dilutions	Western Blot: 1/1000 - 1/3000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	6X His synthetic peptide conjugated to KLH.
Specificity	His-tag Polyclonal Antibody detects His-tagged recombinant proteins or His-tagged proteins overexpressed in cells.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.05% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	His Tag
Gene Name	His-Tag
Cellular localization	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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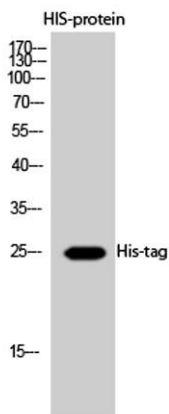
Concentration	1 mg/ml
Observed band	15kD
Human Gene ID	
Human Swiss-Prot Number	
Alternative Names	6 His epitope tag; Hexa His tag; HHHHHH epitope tag; HHHHHH tag; His tag

Background

The his-tag is a series of six to nine histidine residues generally fused to either the carboxy or amino terminus of a recombinant protein. The small size of the his-tag, compared with other common epitope tags, makes it less likely to obstruct the target protein's structure or function and more suitable to use under denaturing conditions. The string of histidine residues binds to several types of immobilized metal ions, including nickel, cobalt and copper. The binding to metal ions under specific buffer conditions, allows for the simple purification and detection of his-tagged proteins.



Western Blot analysis using His-tag Polyclonal Antibody against HEK293 cells transfected with vector overexpressing His tag (1) and untransfected (2). Antibody was diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western Blot analysis of HIS-protein cells using His-tag Polyclonal Antibody diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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