

**His Tag Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP1047a****Specification**

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**His Tag Antibody - Product Information**

Application	<b>WB,E</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>

**His Tag Antibody - Additional Information****Target/Specificity**

Poly-HIS peptide were used to produced this antibody.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

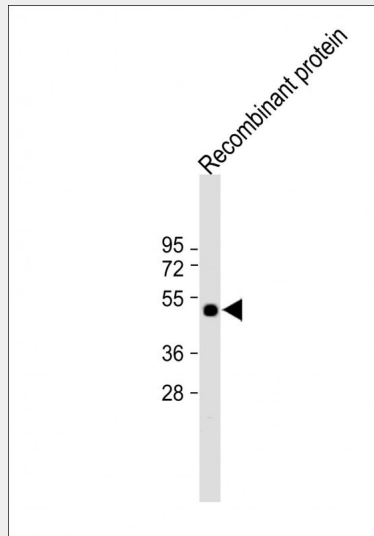
His Tag Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**His Tag Antibody - Protein Information****His Tag Antibody - Protocols**

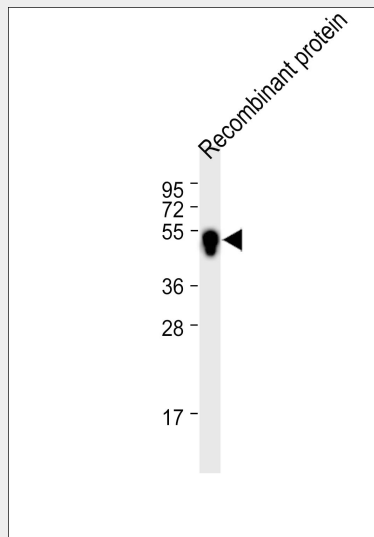
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

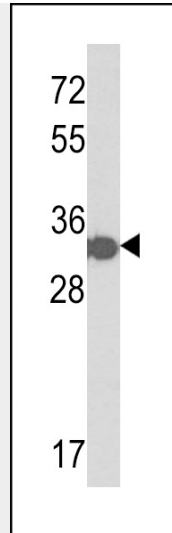
**His Tag Antibody - Images**



All lanes : Anti-His Tag Antibody at 1:2000 dilution Lane 1: 12-tag recombinant protein lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Observed band size : 50kDa Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-His Tag Antibody at 1:2000 dilution Lane 1: recombinant protein with His tag lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Observed band size : 50kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Western blot analysis of His Tag Antibody (Cat. #AP1047a) in his-tag TBB1 protein (35ug/lane). His-tag TBB1 (arrow) was detected using the purified Pab.

### His Tag Antibody - Background

Epitope tags consisting of short sequences recognized by well-characterized monoclonal antibodies have been widely used in the study of protein expression in various systems. The 6xHIS tag (HHHHHH), recognized by the monoclonal antibody clone 6AT18 provides an established example of this application. 6xHIS-tagged fusion proteins are easily purified from cell lysates by affinity chromatography using Nickel-Sepharose resin. Abgent's anti-6xHIS monoclonal antibody provides a simple solution to detect the expression of HIS-tagged fusion proteins in cells.

### His Tag Antibody - References

Hochuli E, Doebeli H, and Schacher A. New metal chelate absorbent selective for proteins and peptides containing neighboring histidine residues. *J. Chromatogr.* 1987;411:177-184.

### His Tag Antibody - Citations

- [Assembly of minicellulosomes on the surface of \*Bacillus subtilis\*.](#)