10320 Camino Santa Fe Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

His Tag Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1047a

Specification

His Tag Antibody - Product Information

Application	**WB,E**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**

His Tag Antibody - Additional Information

Target/Specificity
Poly-HIS peptide were used to produced this antibody.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

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.

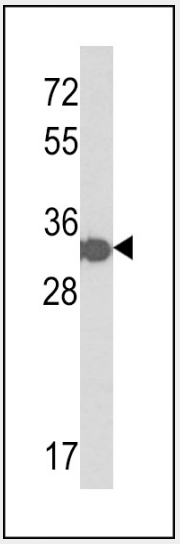
His Tag Antibody - Protein Information

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 Cytomety
- Cell Culture

His Tag Antibody - Citations



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.

- Assembly of minicellulosomes on the surface of Bacillus subtilis.