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His-Tag Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10768

Specification

His-Tag Antibody - Product Information

Application	**WB, ICC, IP**
Reactivity	**All Species**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**

His-Tag Antibody - Additional Information

Application & Usage	**Western blotting (1 µg/ml), immunoprecipitation (40 µg/ml), and immunocytochemistry (2 µg/ml). However, the optimal conditions should be determined individually. The antibody detects His-tagged recombinant proteins.**

Other Names
His tag, HHHHHH tag

Target/Specificity
His-Tag

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.5 mg/ml) peptide affinity purified rabbit anti-His-Tag polyclonal antibody in phosphate buffered saline (PBS, pH 7.2), containing 50% glycerol, 1% BSA, 0.02% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

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

His-Tag Antibody - Protein Information

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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 - Images

His-Tag Antibody - Background

A variety of plasmids contain DNA that encodes an N-terminal tag consisting of six histidine (His) residues, followed by an extended multiple cloning sites. The 6xHis tag on the expressed recombinant proteins allows for efficient coupling to Ni++ affinity resins and purification by a single step chromatography. As is the case with other protein tags, this polyhistidine tag can be cleaved at sites recognized by enzymes such as thrombin and enterokinases to isolate the protein of interest.