AbboMax, Inc

Innovation at Work

Order Information

Description: Rabbit anti-His tag
Catalogue#: 600-500
Lot#: See the label
Size: 100 ug/200 ul
Host: Rabbit
Clone: N/A
Application: ELISA, WB, IP
Reactivity: Tag Antibody

Rabbit anti His Tag Polyclonal Antibody

Alternate Names: HHHHHH

ANTIGEN PREPARATION

A synthetic peptide of HHHHHH conjugated to a carrier protein.

BACKGROUND

Many oligo peptides or tag proteins are widely used as a tag to monitor the protein expression, such as FLAG, c-Myc, E-tag, His-tag, GFP, GST, and etc. These tag antibodies provide tools to localize gene products in a variety of cell types to study the topology of proteins, and protein complexes, and to identify associated proteins. In addition, this antibody allows characterizing of newly identified, lowing abundance or poorly immunogenic proteins when protein specific antibodies are not available. The His tag antibody is generated according to the 6 amino acid epitope tag (HHHHHH), and it can be used to detect the His tagged fusion proteins.

PURIFICATION

The Rabbit IgG is purified by Epitope-Affinity Chromatography.

FORMULATION

This affinity purified antibody is supplied in sterile Phosphate-buffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes His tagged fusion proteins. It is a tag antibody.

STORAGE

The antibodies are stable for 12 months from date of receipt when stored at –20°C to –70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

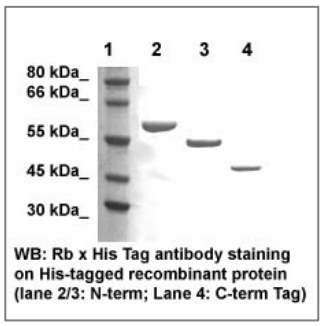
APPLICATIONS/SUGGESTED WORKING DILUTIONS

Western Blot	0.5- 2µg/ml
ELISA	0.01-0.1 µg/ml
Immunoprecipitation	2-5 µg/ml
IHC	Not tested
Flow cytometry	Not tested

MOLECULAR WEIGHT:	N/A
POSITIVE CONTROL:	His tagged fused proteins
CELLULAR LOCATION:	N/A

Optimal dilutions should be determined by researchers for the specific applications.

DATA ATTACHMENTS



WB: Rb x His Tag antibody staining on His-tagged recombinant protein (lane 2/3: N-term; Lane 4: C-term Tag)

REFERENCES

Els Conrath, K et al (2001), J. Biol. Chem. 276: 7346-7350.

FOR RESEARCH USE ONLY.

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