

His-Tag Rabbit pAb

Cat. QYA04394B

Background

Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation, and immunostaining techniques. Because of their small size, they are unlikely to affect the tagged protein's biochemical properties. A variety of plasmids contain DNA that encodes an aminoterminal tag consisting of six histidine (6xHis) residues followed by an extended multiple cloning site. The 6xHis tag on the expressed recombinant proteins allows for efficient coupling to Ni²⁺ affinity resins and purification by single step chromatography. As is the case with other protein tag systems, this polyhistidine tag can often be cleaved at sites recognized by proteases such as thrombin and enterokinases to isolate the protein of interest.

Source

The antibody was affinity-purified by affinity-chromatography using specific immunogen.

Product

Each vial contains 100ug rabbit IgG diluted in 100ul of PBS pH7.4 containing 0.02% sodium azide and 50% glycerol. The antibody concentration is 1mg/ml.

Specificity

The antibody detects C-terminal, internal, and N-terminal his-tag fusion proteins.

Applications and Suggested Working Concentration

WB: 1:5000-1:10000

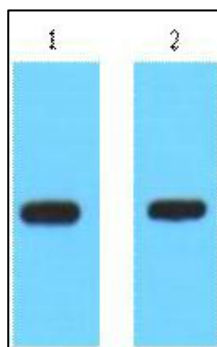
Storage

Storage at -20°C. Do not aliquot the antibody. Stable for one year from the date of shipment.

Research Use

For research use only, not for use in diagnostic procedures.

Data



Western blot analysis his-tag fusion protein overexpression in 293 cells. Antibody was diluted at 1:1:5000 2:1:10000.

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Catalog No.	QYA04394B
Size.	100ug
Source.	Rabbit
Immunogen.	Synthesized peptide
Purification.	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen.
Specificity.	The antibody detects C-terminal, internal, and N-terminal Flag-tag fusion protein.
Formulation.	PBS, pH 7.4, containing 0.02% sodium azide and 50% Glycerol.
Concentration.	1 mg/ml
Storage / Stability.	-20°C/1 year
Reactivity.	N/A
Applications.	WB
Dilution.	WB: 1:5000-1:10000