

His tag polyclonal antibody

Version: 1.1

Catalog Number: SWSPA004

Background: His tag is an amino acid motif in proteins that consists of at least five histidine (His) residues, often at the N- or C-terminus of the protein. The H-H-H-H-H-H motif is used as a tag on many recombinant proteins to facilitate purification.

His tagging is the option of choice for purifying recombinant proteins in denaturing conditions because its mode of action is dependent only on the primary structure of proteins.

Description: A highly specific and sensitive rabbit polyclonal antibody against His tag.

Source: KLH-conjugated synthetic peptide encompassing a 6xHis sequence.

Applications: WB 1:1000-2000. Optimal dilution has to be determined by the user.

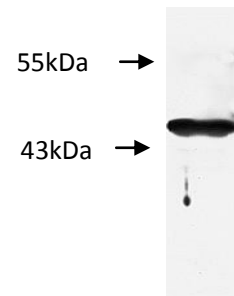
Applicable Species: The antibody recognizes the His-tag fused to the amino- or carboxy-termini of targeted proteins.

Specifications: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.5% BSA with 0.05% sodium azide. Antibody was purified by affinity chromatography.

Storage conditions: store at 2-8°C for 3 months, -20°C for 1 year. To avoid freeze-thaw cycles, reconstituted antibody should be aliquoted before freezing for short-term storage (-20°C) or for long-term storage (-80°C).

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

Data:



Western blot analysis of recombinant His tagged protein.

References:

1. Maniatis, T., et al., eds. 1982. *Molecular Cloning*. Cold Spring Harbor, New York: Cold Spring Harbor Laboratory.
2. Hochuli, E. 1988. Large-scale chromatography of recombinant proteins. *J. Chromatog.* 444: 293-302.