

Anti-His Tag Rabbit Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
E022190-01	100µl
E022190-02	500µl
E022190-03	50µl

Specificity	Anti-His Tag
Source	Rabbit Polyclonal
Application	WB
Form	Liquid, 1 mg/ml

Background Information

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. It is also known as hexa histidine-tag, 6xHis-tag, and by the trademarked name His-tag. 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. The antibody recognizes the His-tag fused to the amino- or carboxy- termini of targeted proteins in transfected or transformed cells.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: Western blot (1:1000-5000)

Source and Purification

This polyclonal antibody is produced by immunizing rabbits with a synthetic peptide 6x His coupled to KLH. Antibodies are purified by protein A affinity chromatography.

Storage Buffer

PBS, pH 7.4 with 0.05% sodium azide, 50% Glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Western blot of recombinant protein with HIS-tag at 1:5000