

Anti-His Tag Rabbit Polyclonal Antibody

Introduction

The polyhistidine tag (His-Tag) is a short peptide motif in proteins consisting of at least five histidine (His) residues, with the most common form being the 6×His tag (sequence: HHHHHH), typically located at the N-terminus or C-terminus of recombinant proteins. Due to its small size and low immunogenicity, this tag enables efficient one-step purification via immobilized metal ion affinity chromatography (IMAC), and is particularly suitable for recombinant proteins expressed in prokaryotic systems. This rabbit polyclonal antibody exhibits high affinity and has been validated for Western Blot (WB) and ELISA, making it suitable for both qualitative and quantitative analysis of His-tagged fusion proteins.

Product parameters

Alternative Names	His tag; 6 His epitope tag; Hexa His tag; HHHHHH epitope tag; HHHHHH tag
Gene ID	-
Gene Name	-
SwissProt ID	-
Host	Rabbit
Reactivity	Species-independent
Molecular Weight	-
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Polyclonal Antibody
Clonality No.	None
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	Synthetic 6×His peptide (HHHHHH) conjugated to KLH.
Purification	Affinity Purified
Buffer System	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Application	WB, ELISA

Dilution Ratio	WB-1:1000-1:3000; ELISA-1:20000
Research Field	Tags & Cell Markers
Product Categories	Primary antibody
Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.

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