

# Immunotag™ His-tag Polyclonal Antibody

Antibody Specification	
Catalog No.	ITG0002
Product Description	Immunotag™ His-tag Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	His-Tag
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB: 1:1000-1:3000, EIA: 1:20000
Concentration	1 mg/ml
Reactive Species	All
Host Species	Rabbit
Immunogen	6X His synthetic peptide conjugated to KLH.
Specificity	His-tag Polyclonal Antibody detects His-tagged recombinant proteins or His-tagged proteins overexpressed in cells.

## Antibody Specification

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epyope-specific immunogen.
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.0.5% sodium azide.
Alternate Names	6 His epitope tag; Hexa His tag; HHHHHH epitope tag; HHHHHH tag; His tag
Description	The his-tag is a series of six to nine histidine residues generally fused to either the carboxy or amino terminus of a recombinant protein. The small size of the his-tag, compared with other common epitope tags, makes it less likely to obstruct the target protein's structure or function and more suitable to use under denaturing conditions. The string of histidine residues binds to several types of immobilized metal ions, including nickel, cobalt and copper. The binding to metal ions under specific buffer conditions, allows for the simple purification and detection of his-tagged proteins.
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.