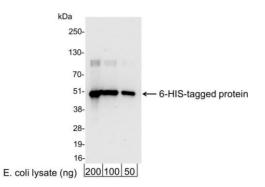
## 6-His Tag Antibody



0-ms ray		Jouy				LABORATORIES, INC	LIFE SCIENCES
Rabbit Polyclo	nal	Conjug	jate	Biotin			
Antigen Affinit	ty Purifie	ed					
Catalog No.	A190-	114B					
Lot No.	A190-	114B-7					
APPLICATIONS		WB, ELISA					
AMOUNT		0.1 ml					
CONCENTRATION		1 mg/ml					
STORAGE/SHELF LIFE		2 - 8°C / 1 year from date of receipt					
PHYSICAL STATE		Liquid					
BUFFER		Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide					
ISOTYPE		IgG					
ORIGIN		USA					
PRODUCTION PROCEDURES		Rabbits were immunized with 6-His (HHHHHH) conjugated to KLH. Antibody was isolated by affinity chromatography using the peptide immobilized on solid support and conjugated to biotin. This antibody does not detect all N-terminal 6-His tagged proteins.					
		Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.					
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.					
		Western Blot	1:	10,000 - 1:100,00	0		
		ELISA	1:	10,000 - 1:100,00	D		
APPLICATION N	Validation by Western Bl	n by Western Blot was performed using a Western Blot Gel 4–20%.					
ADDITIONAL INFO		https://www.bethyl.com/product/A190-114B Use the link above to view SDS, a current list of citations, and other product specific information.					

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: February 15, 2022



## Detection of 6-His-tagged Protein by western blot.

Samples: 200, 100, or 50 ng of E. coli whole cell lysate expressing a multi-tag fusion protein. Antibodies: Affinity-purified, biotin-conjugated, rabbit anti-6-His antibody A190-114B used for WB at 0.04  $\mu$ g/ml (1:25,000). Detection: Streptavidin-HRP (0.1  $\mu$ g/ml) and chemiluminescence with an exposure time of 10 seconds.

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