

For Research Use Only

HAL Recombinant monoclonal antibody

Catalog Number:86771-3-RR



Basic Information

Catalog Number: 86771-3-RR	GenBank Accession Number: BC096097	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3034	CloneNo.: 251746F1
Source: Rabbit	UNIPROT ID: P42357	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: histidine ammonia-lyase	
Immunogen Catalog Number: AG22985	Calculated MW: 657 aa, 73 kDa	
	Observed MW: 73 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : rat liver tissue, mouse liver tissue
Species Specificity: human, mouse, rat	

Background Information

HAL, also named as Histidase and HIS, catalyzes the nonoxidative elimination of the α-amino group of histidine. It is closely related to the important plant enzyme phenylalanine ammonia-lyase. HAL has some isoforms with MW 73 kDa, 65 kDa and 49 kDa.

Storage

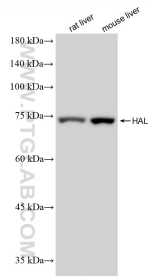
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

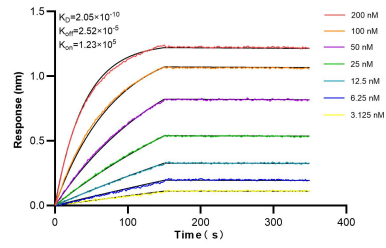
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86771-3-RR (HAL antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86771-3-RR against Human HAL were performed. The affinity constant is 0.205 nM.