

For Research Use Only

HAL Polyclonal antibody

Catalog Number: 25940-1-AP **1 Publications**



Basic Information

Catalog Number: 25940-1-AP	GenBank Accession Number: BC096097	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 3034	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:20-1:200
Source: Rabbit	Full Name: histidine ammonia-lyase	
Isotype: IgG	Calculated MW: 657 aa, 73 kDa	
Immunogen Catalog Number: AG22985	Observed MW: 73 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : mouse liver tissue, rat liver tissue
Species Specificity: human, mouse, rat	IHC : human skin tissue, mouse skin tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Runmin Che	36449354	Autophagy	WB

Storage

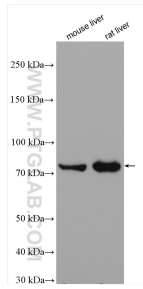
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

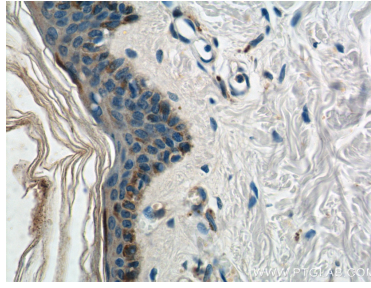
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25940-1-AP (HAL antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 25940-1-AP (HAL Antibody) at dilution of 1:50 (under 40x lens).