

For Research Use Only

HAL Polyclonal antibody

Catalog Number: 25940-1-AP

3 Publications



Basic Information

Catalog Number:

25940-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22985

GenBank Accession Number:

BC096097

GeneID (NCBI):

3034

UNIPROT ID:

P42357

Full Name:

histidine ammonia-lyase

Calculated MW:

657 aa, 73 kDa

Observed MW:

73 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse liver tissue, rat liver tissue

IHC : human skin tissue, mouse skin tissue

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
Guoqing Xie	39261475	Cell Death Dis	
Kenneth N Maclean	38984928	FASEB J	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

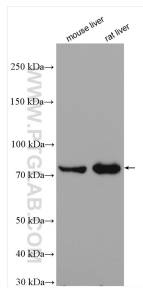
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

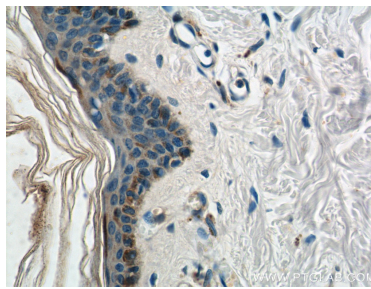
E: proteintech@ptglab.com
W: ptglab.com

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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).