

For Research Use Only

UCHL5 Polyclonal antibody

Catalog Number: 11527-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number: 11527-1-AP	GenBank Accession Number: BC025369	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 240 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51377	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9Y5K5	
Isotype: IgG	Full Name: ubiquitin carboxyl-terminal hydrolase L5	
Immunogen Catalog Number: AG2095	Calculated MW: 326 aa, 37 kDa	
	Observed MW: 38 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB: mouse colon tissue, mouse brain tissue IHC: mouse kidney tissue,
Cited Applications: WB, IHC	
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

Background Information

UCHL5 (Ubiquitin carboxyl-terminal hydrolase isozyme L5) is also named as UCH37 and belongs to the peptidase C12 family. It is functionally linked with multiple protein complexes and signal transduction pathways. UCH37's weight average molecular weight increases as a function of its concentration. By size-exclusion chromatography, the apparent molecular weight of UCH37 was 51, 56, 70, and 109 kDa at 0.15, 0.69, 2.4, and 9.5 mg/mL, respectively. Given UCH37's monomeric molecular weight of 37 kDa and its apparent elongated shape, its tendency toward an apparent molecular weight between 40 and 50 kDa at decreasing concentrations is appropriate for UCH37 monomers (PMID:21953935).

Notable Publications

Author	Pubmed ID	Journal	Application
Po-Ming Chow	36090476	Mol Ther Oncolytics	IHC
Da Liu	32596150	Front Oncol	WB
Zainab Sabry Othman Ahmed	30015387	J Cell Biochem	WB

Storage

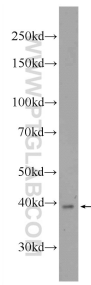
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

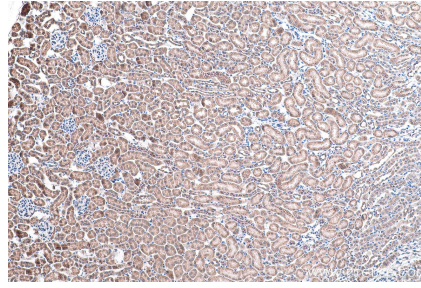
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



mouse colon tissue were subjected to SDS PAGE followed by western blot with 11527-1-AP (UCL5 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 11527-1-AP (UCL5 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).