

For Research Use Only

Calpain 6 Polyclonal antibody

Catalog Number: 10120-1-AP **4 Publications**



Basic Information

Catalog Number: 10120-1-AP	GenBank Accession Number: BC000730	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 827	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9Y6Q1	
Isotype: IgG	Full Name: calpain 6	
Immunogen Catalog Number: AG0160	Calculated MW: 75 kDa	
	Observed MW: 66-75 kDa	

Applications

Tested Applications: WB, IHC, IP, ELISA	Positive Controls: WB : human placenta tissue, mouse placenta tissue, A549 cells IP : human placenta tissue, IHC : human intrahepatic cholangiocarcinoma tissue,
Cited Applications: WB, IHC, IF	
Species Specificity: human	
Cited Species: human, rat	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaojuan Su	31403686	J Neuropathol Exp Neurol	WB,IF
Shinobu Goto	32852077	Am J Reprod Immunol	WB,IHC
Qianqi Zhu	37468984	Cell Biosci	IF

Storage

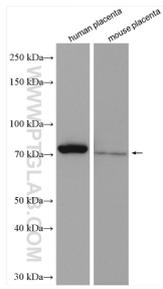
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

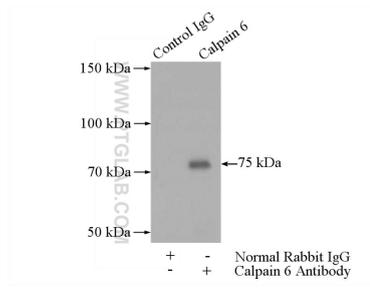
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

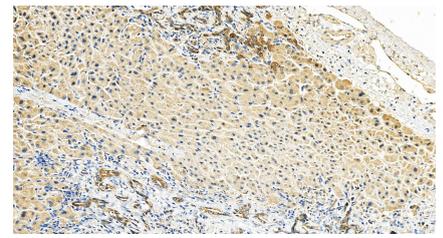
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10120-1-AP (Calpain 6 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-Calpain 6 (IP:10120-1-AP, 4 μ g; Detection:10120-1-AP 1:300) with human placenta tissue lysate 1520 μ g.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 10120-1-AP (Calpain 6 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).