

For Research Use Only

PAIP1 Monoclonal antibody

Catalog Number: 68042-1-Ig



Basic Information

Catalog Number: 68042-1-Ig	GenBank Accession Number: BC005295	Purification Method: Protein A purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 10605	CloneNo.: 2H9D4
Source: Mouse	UNIPROT ID: Q9H074	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000
Isotype: IgG2b	Full Name: poly(A) binding protein interacting protein 1	
Immunogen Catalog Number: AG16773	Calculated MW: 70 kDa	
	Observed MW: 40-45kDa, 62kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: Human, mouse, rabbit	WB : mouse brain tissue, A549 cells, rabbit brain tissue, LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human liver cancer tissue,

Background Information

PAIP1 is a PABP-binding protein that contains two distinct PABP-binding motifs (PAMs). PAM1 binds to RNA recognition motif 2 in the N terminus of PABP; PAM2, which is a conserved region comprising approximately 15 amino acids, binds to the PABC domain of PABP. PAIP1 acts as a coactivator in the regulation of translation initiation of poly(A)-containing mRNAs.

Storage

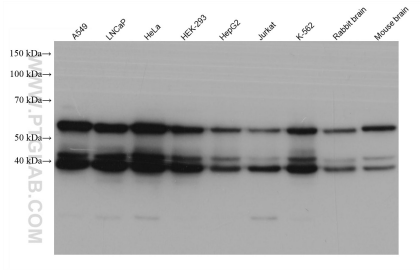
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

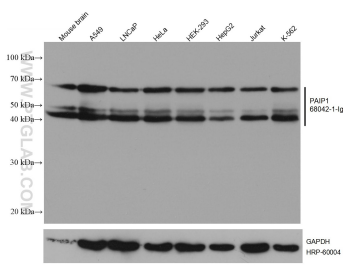
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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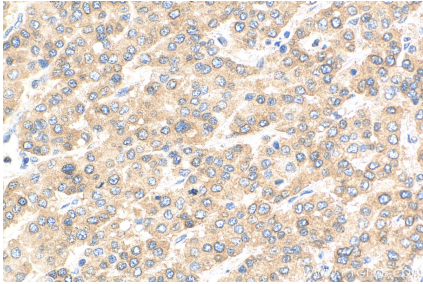
Selected Validation Data



A549 cells were subjected to SDS PAGE followed by western blot with 68042-1-Ig (PAIP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 68042-1-Ig (PAIP1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 68042-1-Ig (PAIP1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).