

For Research Use Only

PAIP1 Monoclonal antibody, PBS Only



Catalog Number: 68042-1-PBS

Basic Information

Catalog Number: 68042-1-PBS	GenBank Accession Number: BC005295	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10605	CloneNo.: 2H9D4
Source: Mouse	UNIPROT ID: Q9H074	
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, Indirect ELISA

Species Specificity:
Human, mouse, rabbit

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 -80°C.

Storage Buffer:
PBS Only

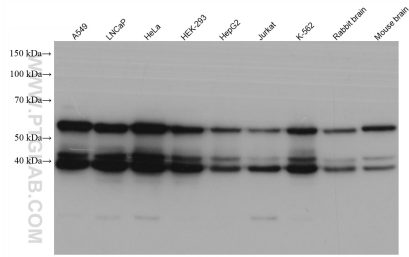
For technical support and original validation data for this product please contact:

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

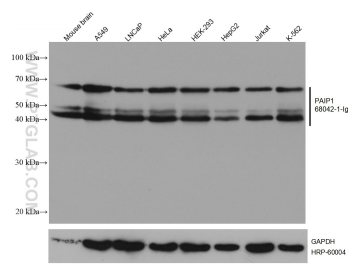
E: proteintech@ptglab.com
W: ptglab.com

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

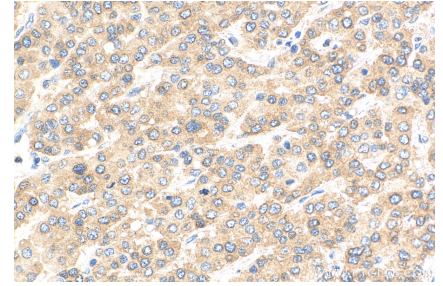
Selected Validation Data



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. This data was developed using the same antibody clone with 68042-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 68042-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 68042-1-PBS in a different storage buffer formulation.