

For Research Use Only

PURB Monoclonal antibody, PBS Only

Catalog Number: 61022-1-PBS



Basic Information

Catalog Number: 61022-1-PBS	GenBank Accession Number: BC101735	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5814	CloneNo.: 2F5G2
Source: Mouse	UNIPROT ID: Q96QR8	
Isotype: IgG2b	Full Name: purine-rich element binding protein B	
Immunogen Catalog Number: AG12816	Calculated MW: 312 aa, 33 kDa	
	Observed MW: 33-40 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat, rabbit

Background Information

PURB (Purine-rich element-binding protein B) is a ubiquitously expressed DNA/RNA-binding protein. It localizes to both the nucleus and cytoplasm, reflecting its dual role in transcriptional regulation and RNA metabolism. Its primary function is to bind purine-rich sequences to control gene expression, cell cycle progression, and differentiation. The observed molecular weight of PURB by SDS-PAGE is 33-40 kDa, which is close to its predicted molecular weight of ~33 kDa.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

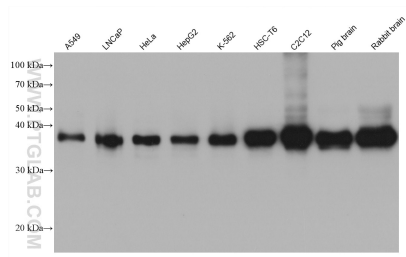
For technical support and original validation data for this product please contact:

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

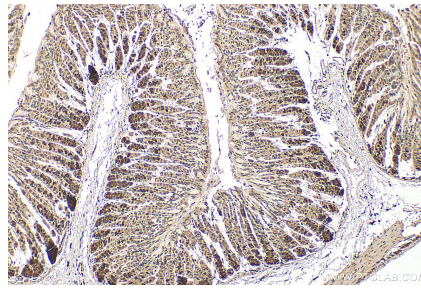
E: proteintech@ptglab.com
W: ptglab.com

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

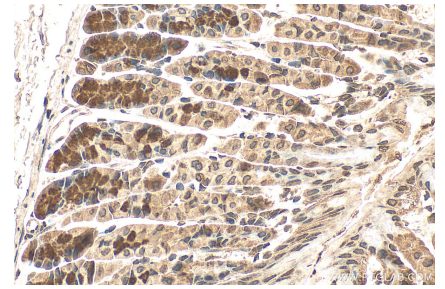
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 61022-1-Ig (PURB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 61022-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 61022-1-Ig (PURB antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 61022-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 61022-1-Ig (PURB antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 61022-1-PBS in a different storage buffer formulation.