

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
Source: Mouse	GeneID (NCBI): 5814	CloneNo.: 2F5G2
Isotype: IgG2b	UNIPROT ID: Q96QR8	
Immunogen Catalog Number: AG12816	Full Name: purine-rich element binding protein B	
	Calculated MW: 312 aa, 33 kDa	
	Observed MW: 33-40 kDa	

Applications

Tested Applications:
WB, IHC, 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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

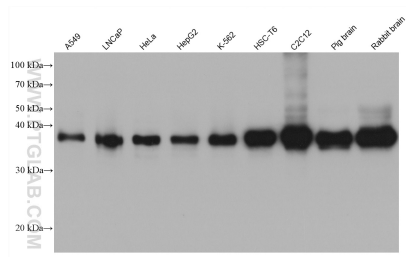
T: 4006900926

E: Proteintech-CN@ptglab.com

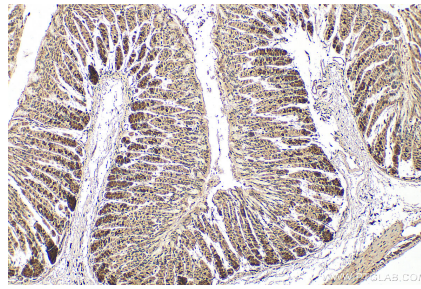
W: ptgcn.com

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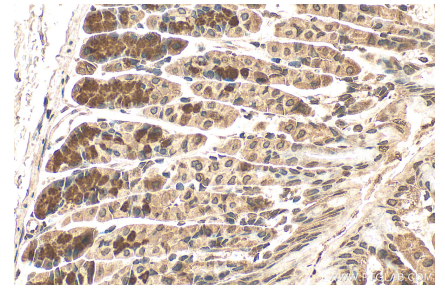
Selected Validation Data



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.