

For Research Use Only

PURB Monoclonal antibody

Catalog Number: 61022-1-Ig **1 Publications**



Basic Information

Catalog Number: 61022-1-Ig	GenBank Accession Number: BC101735	Purification Method: Protein A purification
Source: Mouse	GeneID (NCBI): 5814	CloneNo.: 2F5G2
Isotype: IgG2b	UNIPROT ID: Q96QR8	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:50-1:500
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, ELISA

Species Specificity:
human, mouse, rat, rabbit

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: A549 cells, LNCap cells, HeLa cells, HepG2 cells, K-562 cells, HSC-T6 cells, C2C12 cells, pig brain tissue, rabbit brain tissue

IHC: mouse stomach tissue,

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Chengquan Shen	41633771	J Immunother Cancer	

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

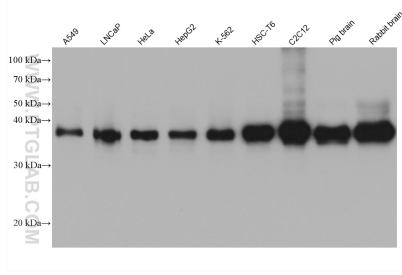
T: 4006900926

E: Proteintech-CN@ptglab.com

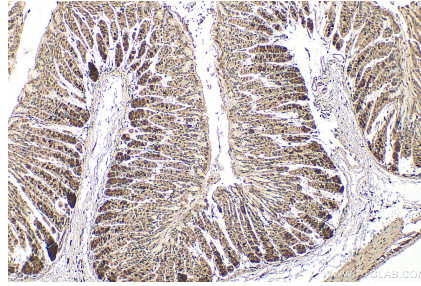
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Selected Validation Data



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.



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).