

For Research Use Only

# EIF2B2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86578-1-PBS



## Basic Information

Catalog Number:	86578-1-PBS	GenBank Accession Number:	BC011750	Purification Method:	Protein A purification
Size:	1000ug, Concentration: 1 mg/ml by Nanodrop;	GenelD (NCBI):	8892	CloneNo.:	251505G6
Source:	Rabbit	UNIPROT ID:	P49770		
Isotype:	IgG	Full Name:	eukaryotic translation initiation factor 2B, subunit 2 beta, 39kDa		
Immunogen Catalog Number:	AG1502	Calculated MW:	39 kDa		
		Observed MW:	39 kDa		

## Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

## Storage

Storage:

Store at -80°C.

Storage Buffer:

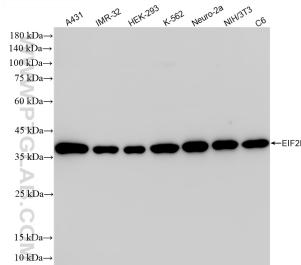
PBS only, pH7.3

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)

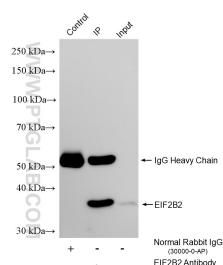
E: proteintech@ptglab.com  
W: ptglab.com

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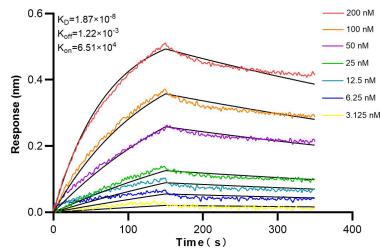
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86578-1-RR (EIF2B2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86578-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 86578-1-RR (EIF2B2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86578-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86578-1-RR against Human EIF2B2 were performed. The affinity constant is 18.7 nM.