

For Research Use Only

EIF2B2 Recombinant monoclonal antibody

Catalog Number: 86578-1-RR



Basic Information

Catalog Number:

86578-1-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1502

GenBank Accession Number:

BC011750

GeneID (NCBI):

8892

UNIPROT ID:

P49770

Full Name:

eukaryotic translation initiation factor 2B, subunit 2 beta, 39kDa

Calculated MW:

39 kDa

Observed MW:

39 kDa

Purification Method:

Protein A purification

CloneNo.:

251505G6

Recommended Dilutions:

WB: 1:5000-1:50000

IP: 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC: 1:250-1:1000

Applications

Tested Applications:

WB, IHC, IP, ELISA

Species Specificity:

human, mouse, rat

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 : A431 cells, IMR-32 cells, HEK-293 cells K-562 cells, Neuro-2a cells, NIH/3T3 cells, C6 cells

IP : A431 cells,

IHC : rat brain tissue,

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

*** 20ul sizes contain 0.1% BSA

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

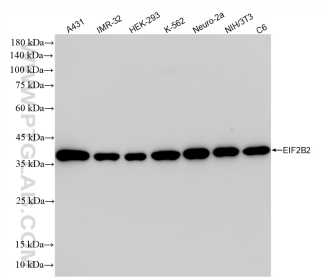
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

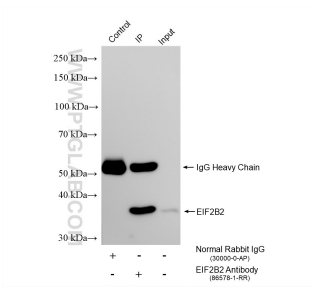
W: ptglab.com

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Selected Validation Data



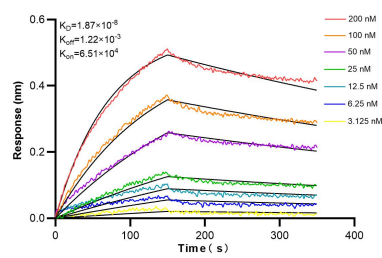
Various lysates were subjected to SDS PAGE followed by western blot with 86578-1-RR (EIF2B2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



IP result of anti-EIF2B2 (IP:86578-1-RR, 4ug; Detection:86578-1-RR 1:3000) with A431 cells lysate 1000 ug.



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).



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