For Research Use Only

EIF2B2 Recombinant monoclonal antibody

Catalog Number:86578-1-RR

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Basic Information

Catalog Number:
86578-1-RR

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 ug 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,

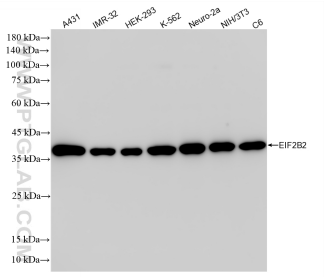
Background Information

Storage

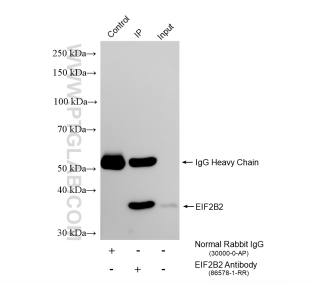
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data

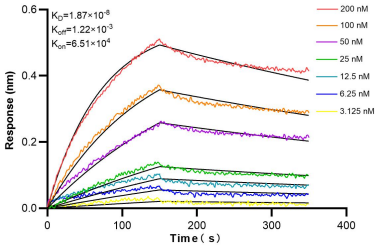


Various lysates were subjected to SDS PAGE followed by western blot with 86578-1-RR (EIF2B2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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.