

A10263

Leader in Biomolecular Solutions for Life Science



eIF2B epsilon (EIF2B5) Rabbit pAb

Catalog No.: A10263

1 Publications

Basic Information

Observed MW

85kDa

Calculated MW

80kDa

Category

Polyclonal Antibody

Applications

WB, IF/ICC, IP, ELISA

Cross-Reactivity

Human, Mouse

Background

This gene encodes one of five subunits of eukaryotic translation initiation factor 2B (EIF2B), a GTP exchange factor for eukaryotic initiation factor 2 and an essential regulator for protein synthesis. Mutations in this gene and the genes encoding other EIF2B subunits have been associated with leukoencephalopathy with vanishing white matter.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

Immunogen Information

Gene ID

8893

Swiss Prot

Q13144

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 442-721 of human eIF2B epsilon (eIF2B epsilon (EIF2B5)) (NP_003898.2).

Synonyms

CLE; CACH; LVWM; EIF-2B; EIF2Bepsilon; eIF2B epsilon (EIF2B5)

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

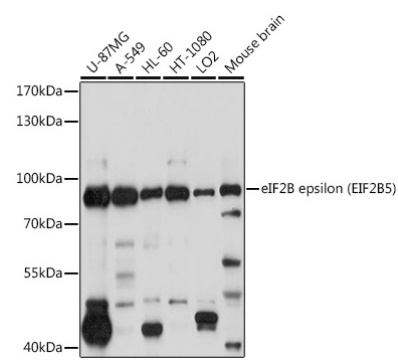
Affinity purification

Storage

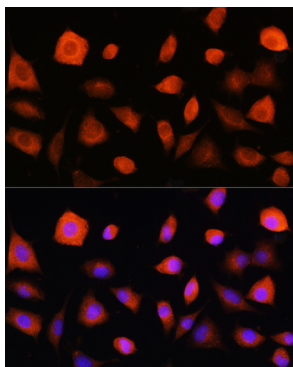
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

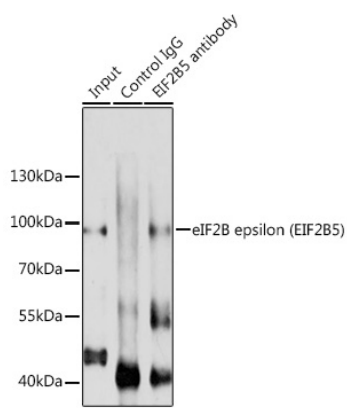
Validation Data



Western blot analysis of various lysates using eIF2B epsilon (EIF2B5) Rabbit pAb (A10263) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Immunofluorescence analysis of L929 cells using eIF2B epsilon (EIF2B5) Rabbit pAb (A10263) at dilution of 1:100.
Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200 µg extracts of A-549 cells using 3 µg eIF2B epsilon (EIF2B5) antibody (A10263). Western blot was performed from the immunoprecipitate using eIF2B epsilon (EIF2B5) antibody (A10263) at a dilution of 1:1000.