

Product datasheet for **TA375798**

eIF2B epsilon (EIF2B5) Rabbit Polyclonal Antibody

Product data:

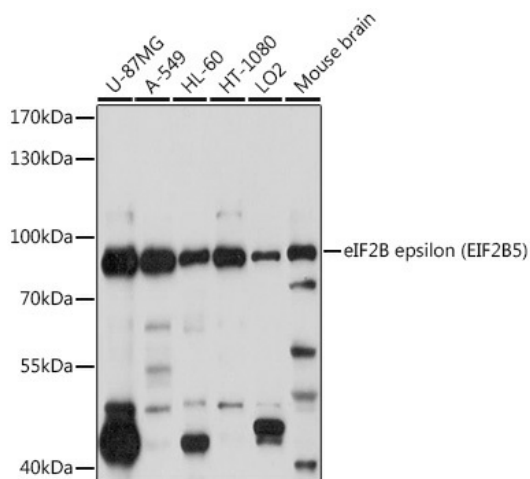
Product Type:	Primary Antibodies
Applications:	ICC/IF, IP, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200 IP,1:50 - 1:200
Reactivity:	Human, Mouse
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 442-721 of human eIF2B epsilon (eIF2B epsilon (EIF2B5)) (NP_003898.2).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	80kDa
Gene Name:	eukaryotic translation initiation factor 2B subunit epsilon
Database Link:	Entrez Gene 8893 Human Q13144
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.



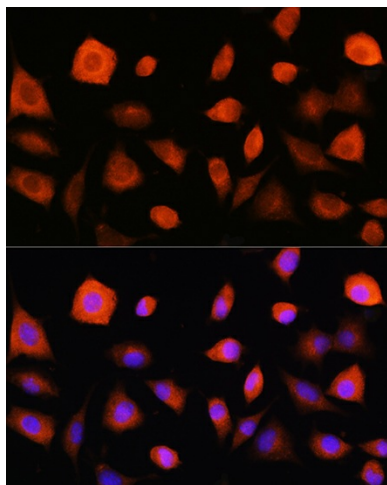
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Synonyms: CACH; CLE; EIF-2B; EIF2BE; EIF2Bepsilon; LVWM

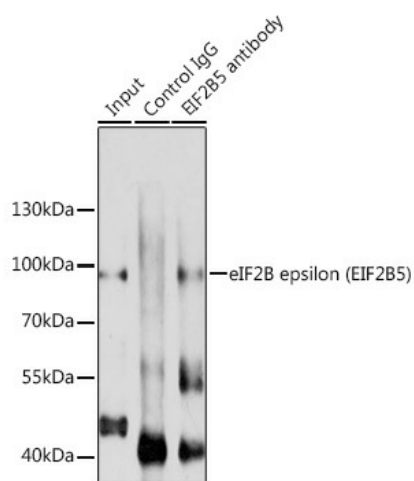
Product images:



Western blot analysis of extracts of various cell lines, using eIF2B epsilon (eIF2B epsilon (EIF2B5)) antibody (TA375798) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 10s.



Immunofluorescence analysis of L929 cells using eIF2B epsilon (eIF2B epsilon (EIF2B5)) Rabbit pAb (TA375798) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200ug extracts of A-549 cells using 3ug eIF2B epsilon (eIF2B epsilon (EIF2B5)) antibody (TA375798). Western blot was performed from the immunoprecipitate using eIF2B epsilon (eIF2B epsilon (EIF2B5)) antibody (TA375798) at a dilution of 1:1000.