

## Product datasheet for **TA375797**

### EIF2B4 Rabbit Polyclonal Antibody

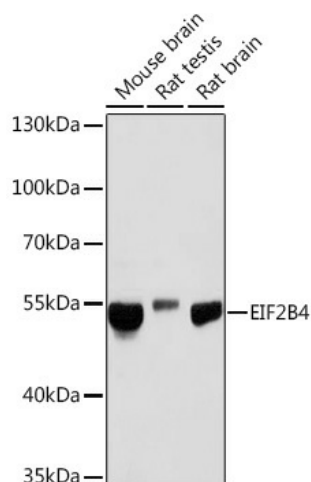
#### Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:500 - 1:2000 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human EIF2B4 .
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:	57kDa
Gene Name:	eukaryotic translation initiation factor 2B subunit delta
Database Link:	<a href="#">Entrez Gene 8890 Human Q9UI10</a>
Background:	Eukaryotic initiation factor 2B (EIF2B), which is necessary for protein synthesis, is a GTP exchange factor composed of five different subunits. The protein encoded by this gene is the fourth, or delta, subunit. Defects in this gene are a cause of leukoencephalopathy with vanishing white matter (VWM) and ovarioleukodystrophy. Multiple transcript variants encoding different isoforms have been found for this gene.
Synonyms:	DKFZP586J0119; EIF-2B; EIF2B; EIF2BD; EIF2Bdelta

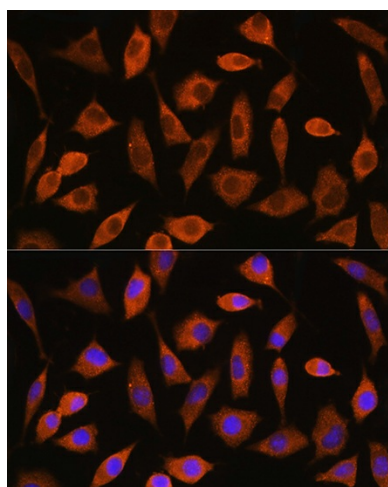


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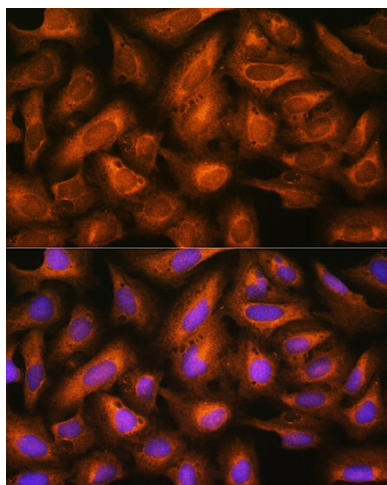
## Product images:



Western blot analysis of extracts of various cell lines, using EIF2B4 Rabbit pAb (TA375797) 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 EIF2B4 Rabbit pAb (TA375797) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using EIF2B4 Rabbit pAb (TA375797) at dilution of 1:100. Blue: DAPI for nuclear staining.