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Anti-eIF2B epsilon Rabbit Monoclonal Antibody

Catalog # ABO15309

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	Q13144
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-eIF2B epsilon Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human.

Additional Information

Gene ID	8893
Other Names	Translation initiation factor eIF2B subunit epsilon, eIF2B GDP-GTP exchange factor subunit epsilon, EIF2B5, EIF2BE
Calculated MW	80380
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 18E85
Immunogen	A synthesized peptide derived from human eIF2B epsilon
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

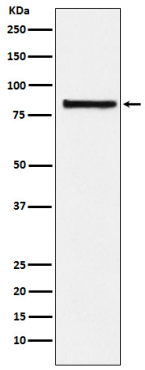
Protein Information

Name	EIF2B5
Synonyms	EIF2BE
Function	Acts as a component of the translation initiation factor 2B (eIF2B) complex,

which catalyzes the exchange of GDP for GTP on eukaryotic initiation factor 2 (eIF2) gamma subunit (PubMed:25858979, PubMed:27023709, PubMed:31048492). Its guanine nucleotide exchange factor activity is repressed when bound to eIF2 complex phosphorylated on the alpha subunit, thereby limiting the amount of methionyl- initiator methionine tRNA available to the ribosome and consequently global translation is repressed (PubMed:25858979, PubMed:31048492).

Cellular Location Cytoplasm, cytosol {ECO:0000250|UniProtKB:P56287}

Images



Western blot analysis of eIF2B epsilon expression in Hela cell lysate.

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