

eIF2B epsilon Antibody
Rabbit mAb
Catalog # AP91756

Specification

eIF2B epsilon Antibody - Product Information

Application	WB, IHC, ICC
Primary Accession	Q13144
Clonality	Monoclonal
Other Names	
CACH; CLE; EIF 2B; EIF2B; EIF2B5; EIF2BE; EIF2Bepsilon;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	80380 Da

eIF2B epsilon Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human eIF2B epsilon
Description	Catalyzes the exchange of eukaryotic initiation factor 2-bound GDP for GTP.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

eIF2B epsilon Antibody - 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

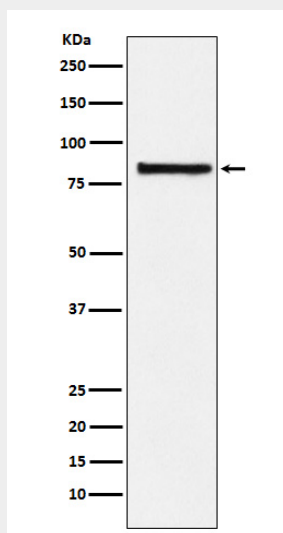
Cytoplasm, cytosol {ECO:0000250|UniProtKB:P56287}

eIF2B epsilon Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

eIF2B epsilon Antibody - Images



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