

EIF2B2 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI15254**Specification**

EIF2B2 Antibody - middle region - Product Information

Application	WB
Primary Accession	P49770
Other Accession	NM_014239 , NP_055054
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39kDa kDa

EIF2B2 Antibody - middle region - Additional Information**Gene ID** 8892**Alias Symbol** EIF-2Bbeta, EIF2B**Other Names**

Translation initiation factor eIF-2B subunit beta, S20I15, S20III15, eIF-2B GDP-GTP exchange factor subunit beta, EIF2B2, EIF2BB

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-EIF2B2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

EIF2B2 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

EIF2B2 Antibody - middle region - Protein Information**Name** EIF2B2**Synonyms** EIF2BB**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:27023709).

href="http://www.uniprot.org/citations/31048492" target="_blank">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

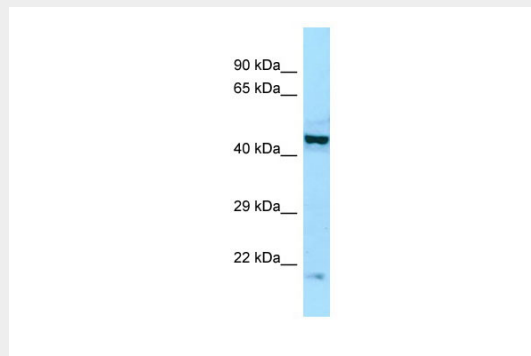
Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q9UT76}

EIF2B2 Antibody - middle region - 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](#)

EIF2B2 Antibody - middle region - Images



WB Suggested Anti-EIF2B2 Antibody Titration: 1.0 µg/ml
Positive Control: RPMI-8226 Whole Cell

EIF2B2 Antibody - middle region - References

Yu W.,et al.Submitted (NOV-1997) to the EMBL/GenBank/DDBJ databases.
Sherrington R.,et al.Nature 375:754-760(1995).
Heilig R.,et al.Nature 421:601-607(2003).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).
Van Damme P.,et al.Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012).