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EIF2B2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55615

Specification

EIF2B2 Polyclonal Antibody - Product Information

Application	**IHC-P, IHC-F, IF, ICC, E**
Primary Accession	P49770
Reactivity	**Rat, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**38990**

EIF2B2 Polyclonal Antibody - Additional Information

Gene ID 8892

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

Dilution
IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ℃.

EIF2B2 Polyclonal Antibody - 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: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 Polyclonal 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 Cytomety
- Cell Culture

EIF2B2 Polyclonal Antibody - Images