

**EIF2B5 Rabbit mAb**  
Catalog # AP77970**Specification**

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**EIF2B5 Rabbit mAb - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">Q13144</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>80380</b>

**EIF2B5 Rabbit mAb - Additional Information****Gene ID** 8893**Other Names**  
EIF2B5**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**EIF2B5 Rabbit mAb - 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:<a href="http://www.uniprot.org/citations/25858979" target="\_blank">25858979</a>, PubMed:<a href="http://www.uniprot.org/citations/27023709" target="\_blank">27023709</a>, PubMed:<a href="http://www.uniprot.org/citations/31048492" target="\_blank">31048492</a>). 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:<a href="http://www.uniprot.org/citations/25858979" target="\_blank">25858979</a>, PubMed:<a href="http://www.uniprot.org/citations/31048492" target="\_blank">31048492</a>).

**Cellular Location**

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

## eIF2B5 Rabbit mAb - 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](#)

## eIF2B5 Rabbit mAb - Images

