

# eIF2B5 Rabbit mAb

Catalog # AP77970

## Product Information

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<b>Application</b>	WB, IHC-P, IF, ICC
<b>Primary Accession</b>	<a href="#">Q13144</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human eIF2B epsilon
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	80380

## Additional Information

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<b>Gene ID</b>	8893
<b>Other Names</b>	EIF2B5
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IF~~1:50~200 ICC~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

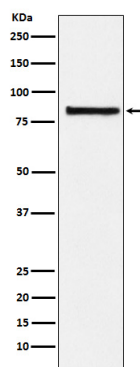
## Protein Information

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<b>Name</b>	EIF2B5
<b>Synonyms</b>	EIF2BE
<b>Function</b>	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="#">25858979</a> , PubMed: <a href="#">27023709</a> , PubMed: <a href="#">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="#">25858979</a> , PubMed: <a href="#">31048492</a> ).
<b>Cellular Location</b>	Cytoplasm, cytosol {ECO:0000250 UniProtKB:P56287}

## Images

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