10320 Camino Santa Fe, Suite G
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eIF2A Antibody
Rabbit mAb
Catalog # AP91668

Specification

eIF2A Antibody - Product Information

Application	**WB, IHC, ICC**
Primary Accession	Q9BY44
Reactivity	**Rat**
Clonality	**Monoclonal**

Other Names
65 kDa eukaryotic translation initiation factor 2; Eukaryotic translation initiation factor 2A; ACDA02; EIF 2A; CDA02; MSTP004; MSTP089; EIF2; eif2a; eIF-2A

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**64990 Da**

eIF2A Antibody - Additional Information

Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human eIF2A**
Description	**Functions in the early steps of protein synthesis of a small number of specific mRNAs. Acts by directing the binding of methionyl-tRNAi to 40S ribosomal subunits. In contrast to the eIF-2 complex, it binds methionyl-tRNAi to 40 S subunits in a codon-dependent manner, whereas the eIF-2 complex binds methionyl-tRNAi to 40 S subunits in a GTP-dependent manner.**
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.**

eIF2A Antibody - Protein Information

Name EIF2A

Function
Functions in the early steps of protein synthesis of a small number of specific mRNAs. Acts by directing the binding of methionyl- tRNAi to 40S ribosomal subunits. In contrast to the eIF-2 complex, it binds methionyl-tRNAi to 40S subunits in a codon-dependent manner, whereas the eIF-2 complex binds methionyl-tRNAi to 40S subunits in a GTP-dependent manner.

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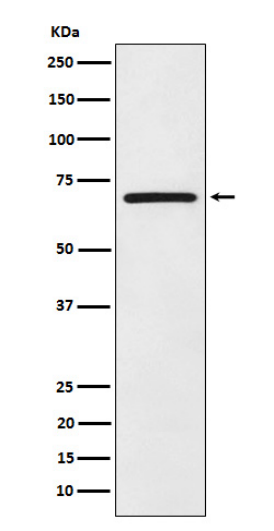
Tissue Location
Widely expressed. Expressed at higher level in pancreas, heart, brain and placenta.

eIF2A 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

eIF2A Antibody - Images



Western blot analysis of eIF2A expression in Ramos cell lysate.