

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-tRNA _i to 40S ribosomal subunits. In contrast to the eIF-2 complex, it binds methionyl-tRNA _i to 40 S subunits in a codon-dependent manner, whereas the eIF-2 complex binds methionyl-tRNA _i to 40 S subunits in a GTP-dependent manner.
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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.
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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- tRNA_i to 40S ribosomal subunits. In contrast to the eIF-2 complex, it binds methionyl-tRNA_i to 40S subunits in a codon-dependent manner, whereas the eIF-2 complex binds methionyl-tRNA_i to 40S subunits in a GTP-dependent manner.

Tissue Location

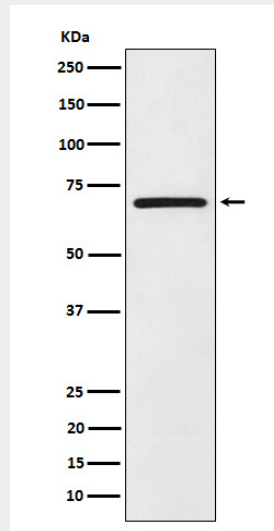
Widely expressed. Expressed at higher level in pancreas, heart, brain and placenta.

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 Cytometry](#)
- [Cell Culture](#)

eIF2A Antibody - Images



Western blot analysis of eIF2A expression in Ramos cell lysate.