

Product Datasheet

eIF2A Antibody

Catalog No: CY7238

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF



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Information

UniProt ID: Q9BY44

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

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 65kDa

Application

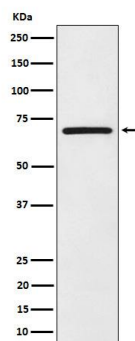
WB 1:500~1:2000

IHC 1:50~1:200

ICC/IF 1:50~1:200

Background

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.



Western blot analysis of eIF2A expression in Ramos cell lysate.

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