
Product Name: eIF2A Rabbit Monoclonal Antibody**Catalog #: AMRe01935**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.51mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 65 kDa; Observed MW: 65 kDa

Antigen Information

Gene Name	EIF2A
Alternative Names	CDA02; EIF-2A; MST089; MSTP004; MSTP089
Gene ID	83939
SwissProt ID	Q9BY44
Immunogen	A synthetic peptide of human eIF2A

Background

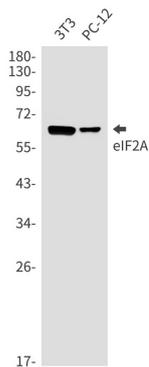
Functions in the early steps of protein synthesis of a small number of specific mRNAs. Acts by directing the binding of methionyl-tRNA_i to 40S ribosomal subunits. In contrast to the eIF-2 complex, it binds methionyl-tRNA_i to 40 S subunits in a

codon-dependent manner, whereas the eIF-2 complex binds methionyl-tRNAi to 40 S subunits in a GTP-dependent manner.

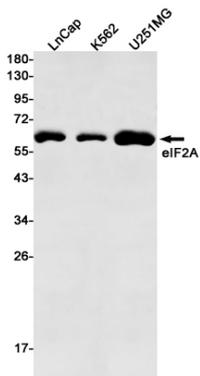
Research Area

Epigenetics and Nuclear Signaling

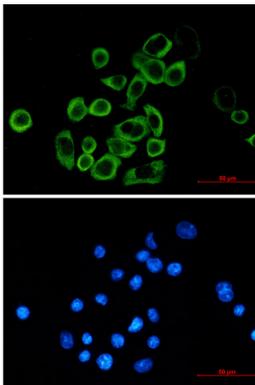
Image Data



Western blot analysis of eIF2A in 3T3, PC-12 lysates using eIF2A antibody.



Western blot analysis of eIF2A in LnCap, K562, U251MG lysates using eIF2A antibody.



Immunocytochemistry analysis of eIF2A (green) in MCF-7 using eIF2A antibody, and DAPI (blue)