

Summary

Production Name	eIF2A Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, ICC
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	eIF2A
Alternative Names	CDA02; EIF-2A; MST089; MSTP004; MSTP089
Gene ID	83939.0
SwissProt ID	Q9BY44.A synthetic peptide of human eIF2A

Application

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

Background

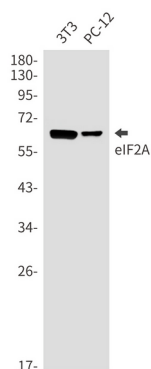
Product Name: eIF2A Rabbit Monoclonal Antibody
Catalog #: AMRe85526



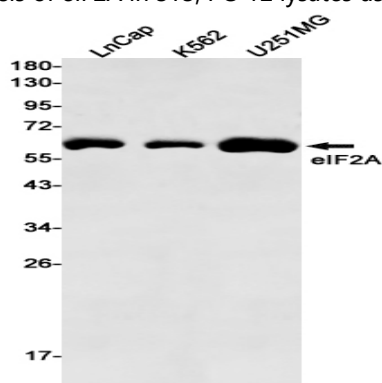
Functions in the early steps of protein synthesis of a small number of specific mRNAs. Acts by directing the binding of methionyl-tRNAi to 40S ribosomal subunits. In contrast to the eIF-2 complex, it binds methionyl-tRNAi to 40 S subunits in a codon-dependent manner, whereas the eIF-2 complex binds methionyl-tRNAi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

Research Area

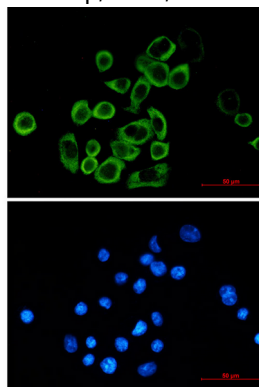
Image Data



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.



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

Note

For research use only.