

Summary

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

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	EIF2A
Alternative Names	CDA02; EIF-2A; MST089; MSTP004; MSTP089
Gene ID	83939
SwissProt ID	Q9BY44

Application

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

Background

Product Name: eIF2A Rabbit Monoclonal Antibody
Catalog #: AMRe01935

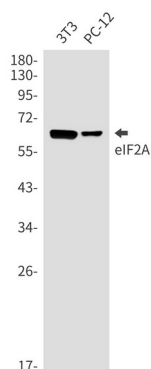


Functions in the early steps of protein synthesis of a small number of specific mRNAs. Acts by directing the binding of methionyl-tRNAi to 40S ribosomal subunits. In contrast to the eIF-2 complex, it binds methionyl-tRNAi to 40 S subunits in a codon-dependent manner, whereas the eIF-2 complex binds methionyl-tRNAi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

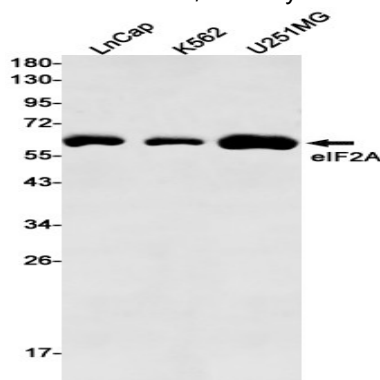
Research Area

Epigenetics and Nuclear Signaling

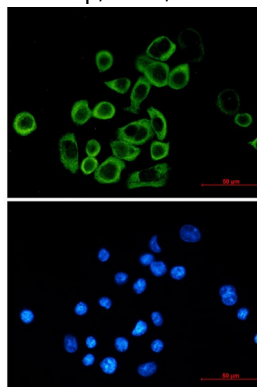
Image Data



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.



Product Name: eIF2A Rabbit Monoclonal Antibody
Catalog #: AMRe01935



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

Note

For research use only.