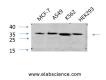
EIF2 alpha Polyclonal Antibody

Catalog Number:E-AB-31295

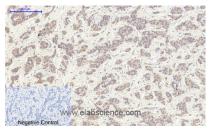


Note: Centrifuge before opening to ensure complete recovery of vial contents.

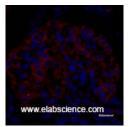
Description	
Reactivity	Human, Mouse, Rat, Monkey
Immunogen	Synthesized peptide derived from human eIF2 α around the non-phosphorylation site of Ser51.
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:100-1:300
IF	1:50-1:200
ELISA	1:10000
Data	



Western Blot analysis of various cells using EIF2 alpha Polyclonal Antibody at dilution of 1:1000. Observed Mw:38kDa Calculated Mw:36kDa



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using EIF2 alpha Polyclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Rat kidney tissue using EIF2 alpha Polyclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage

Store at -20°C. Avoid freeze / thaw cycles.

For Research Use Only

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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. May act by impiging the expression of specific proteins.

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