

EIF2AK4 Polyclonal Antibody

Catalog No. E-AB-64283

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

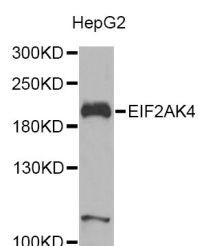
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein of human EIF2AK4
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

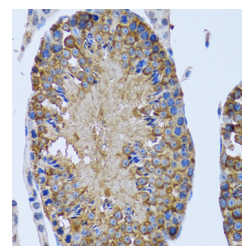
Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:50-1:200
IF	1:50-1:200

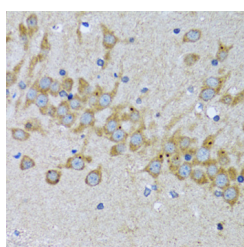
Data



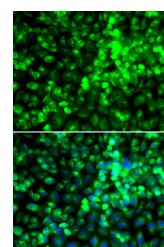
Western blot analysis of extracts of HepG2 cells with EIF2AK4 Polyclonal Antibody
Observed Mw:187kDa
Calculated Mw:69kDa/183kDa/186kDa



Immunohistochemistry of paraffin-embedded rat testis with EIF2AK4 Polyclonal Antibody



Immunohistochemistry of paraffin-embedded mouse brain with EIF2AK4 Polyclonal Antibody



Immunofluorescence analysis of A549 cells with EIF2AK4 Polyclonal Antibody

Preparation & Storage

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

For Research Use Only

Background

This gene encodes a member of a family of kinases that phosphorylate the alpha subunit of eukaryotic translation initiation factor-2 (EIF2), resulting in the downregulation of protein synthesis. The encoded protein responds to amino acid deprivation by binding uncharged transfer RNAs. It may also be activated by glucose deprivation and viral infection. Mutations in this gene have been found in individuals suffering from autosomal recessive pulmonary venoocclusive-disease-2.

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