

Product Name: MEK4 Rabbit Monoclonal Antibody**Catalog #: AMRe21291**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,ELISA,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/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	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:2000-1:10000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
Molecular Weight	Calculated MW:44kD;Observed MW:44kD

Antigen Information

Gene Name	MAP2K4 MAP2K4;JNKK1;MEK4;MKK4;PRKMK4;SEK1;SERK1;SKK1;Dual specificity mitogen-activated
Alternative Names	protein kinase kinase 4;MAP kinase kinase 4;MAPKK 4;JNK-activating kinase 1;MAPK/ERK kinase 4;MEK 4;SAPK/ERK kinase 1;SEK1;Stress-activated pro
Gene ID	6416.0
SwissProt ID	P45985
Immunogen	A synthetic peptide corresponding to target protein

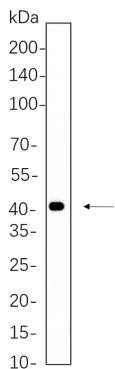
Background

Cell localization:Cytoplasm, Nucleus.This gene encodes a member of the mitogen-activated protein kinase (MAPK) family.

Members of this family act as an integration point for multiple biochemical signals and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation, and development. They form a three-tiered signaling module composed of MAPKKKs, MAPKKs, and MAPKs. This protein is phosphorylated at serine and threonine residues by MAPKKKs and subsequently phosphorylates downstream MAPK targets at threonine and tyrosine residues. A similar protein in mouse has been reported to play a role in liver organogenesis. A pseudogene of this gene is located on the long arm of chromosome X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013],

Research Area

Image Data



A431 cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with MEK4 Rabbit Monoclonal Antibody 1:1000. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.