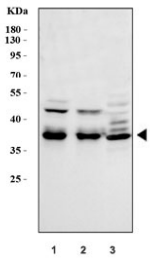
MEK6 Antibody / MKK6 / MAP2K6 (R32916)

Catalog No.	Formulation	Size
R32916	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	P52564
Applications	Western Blot: 0.5-1ug/ml
Limitations	This MEK6 antibody is available for research use only.



Western blot testing of 1) human HeLa, 2) human A549 and 3) rat C6 cell lysate with MEK6 antibody at 0.5ug/ml. Predicted molecular weight ~37 kDa.

Description

MAP2K6 (Mitogen-activated protein kinase kinase 6), also known as MAP kinase kinase 6 (MAPKK 6) or MAPK/ERK kinase 6 is an enzyme that in humans is encoded by the MAP2K6 gene. It is located on chromosome 17. MAPKK 6 is a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediatedsignal transduction pathway, this gene is involved in many cellular processes such as stress-induced cell cycle arrest, transcription activation and apoptosis.

Application Notes

Optimal dilution of the MEK6 antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids A280-D334 was used as the immunogen for the MEK6 antibody.

Storage

After reconstitution, the MEK6 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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