



M3K15 Monoclonal Antibody

Catalog No	YP-mAb-05003
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MAP3K15 ASK3
Immunogen	Synthesized peptide derived from human protein . at AA range: 1230-1310
Specificity	M3K15 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	M3K15;MAP3K15 ASK3;Mitogen-activated protein kinase kinase kinase 15 (EC 2.7.11.25) (Apoptosis signal-regulating kinase 3) (MAPK/ERK kinase kinase 15) (MEK kinase 15) (MEKK 15)
Observed Band	144kD
Calculated Molecular Weight	144kD
Cell Pathway	intracellular,
Tissue Specificity	Isoform 2 and isoform 3 are widely expressed. Isoform 2 highest levels are observed in fetal brain, and isoform 3 highest levels in pancreas, peripheral blood leukocytes, fetal brain and spleen.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein., cofactor:Magnesium.,enzyme regulation:Contains an N-terminal autoinhibitory domain. Activated by phosphorylation at Thr-812, inhibited by phosphorylation at Ser-924 and Ser-994.,function:Component of a protein kinase signal transduction cascade.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily., similarity:Contains 1 protein kinase domain.,

**Background**

The protein encoded by this gene is a member of the mitogen-activated protein kinase (MAPK) family. These family members function in a protein kinase signal transduction cascade, where an activated MAPK kinase kinase (MAP3K) phosphorylates and activates a specific MAPK kinase (MAP2K), which then activates a specific MAPK. This MAP3K protein plays an essential role in apoptotic cell death triggered by cellular stresses. [provided by RefSeq, Jul 2010]

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images