

MEK Kinase-6 Polyclonal Antibody

Catalog No :	YT2710
Reactivity :	Human;Mouse
Applications :	IHC;IF;ELISA
Target :	MEK Kinase-6
Fields :	>>MAPK signaling pathway
Gene Name :	MAP3K6
Protein Name :	Mitogen-activated protein kinase kinase kinase 6
Human Gene Id :	9064
Human Swiss Prot No :	O95382
Mouse Gene Id :	53608
Mouse Swiss Prot No :	Q9WTR2
Immunogen :	The antiserum was produced against synthesized peptide derived from human MAP3K6. AA range:281-330
Specificity :	MEK Kinase-6 Polyclonal Antibody detects endogenous levels of MEK Kinase-6 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 143kD

Cell Pathway : SAPK_JNK; Regulation of Actin Dynamics; Cell Growth; Stem cell pathway; Cell_Cycle_G1S;Cell_Cycle_G2M_DNA; MAPK_ERK_Growth;MAPK_G_Protein; B Cell Receptor

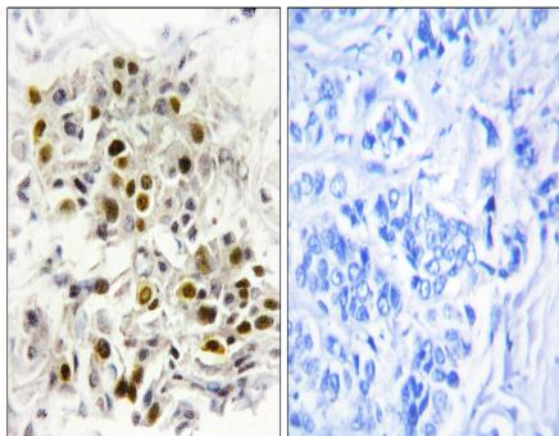
Background : This gene encodes a serine/threonine protein kinase that forms a component of protein kinase-mediated signal transduction cascades. The encoded kinase participates in the regulation of vascular endothelial growth factor (VEGF) expression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014],

Function : catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Thr-806. Catalytically active only when complexed with MAP3K5, with MAP3K5 supporting the stability and the active configuration of MAP3K6 and MAP3K6 activating MAP3K5 by direct phosphorylation.,function:Component of a protein kinase signal transduction cascade. Activates the JNK, but not ERK or p38 kinase pathways.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Binds both upstream activators and downstream substrates in multimolecular complexes.,

Subcellular Location : intracellular,

Expression : Brain,PCR rescued clones,Skin,

Products Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MAP3K6 Antibody. The picture on the right is blocked with the synthesized peptide.