

MEK Kinase-6 Polyclonal Antibody

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|------------------------------|---|
| 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

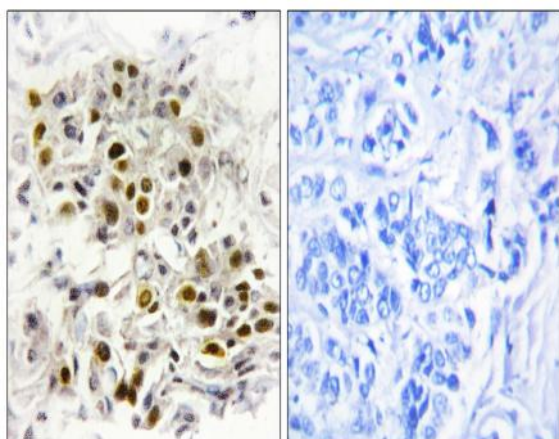
Background : This gene encodes a serine/threonine protein kinase that forms a component of protein kinase-mediated signal transduction cascades. The encoded kinase participates in the regulation of vascular endothelial growth factor (VEGF) expression. Alternative splicing results in multiple transcript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