



# MEK Kinase-6 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-14834
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	IHC;IF;ELISA
<b>Gene Name</b>	MAP3K6
<b>Protein Name</b>	Mitogen-activated protein kinase kinase kinase 6
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MAP3K6. AA range:281-330
<b>Specificity</b>	MEK Kinase-6 Polyclonal Antibody detects endogenous levels of MEK Kinase-6 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	IHC: 1/100 - 1/300. ELISA: 1/5000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	MAP3K6; ASK2; MAPKKK6; MEKK6; Mitogen-activated protein kinase kinase kinase 6; Apoptosis signal-regulating kinase 2
<b>Observed Band</b>	
<b>Cell Pathway</b>	intracellular,
<b>Tissue Specificity</b>	Brain,PCR rescued clones,Skin,
<b>Function</b>	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.,

**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],

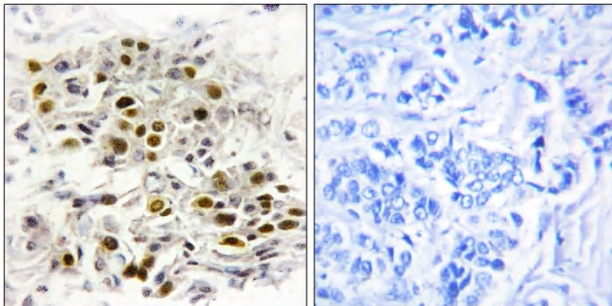
**matters needing attention**

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



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