

Anti-MAP3K1 Rabbit pAb



WLA0587

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-MAP3K1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC、IF	1:50-1:200
Cellular localization	Cytoplasm.	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background Mitogen Activated Protein Kinase Kinase 1 (MAP3K1), also known as MAPKKK1, MEKK1, or MEK1, belongs to the MAP kinase kinase subfamily of the STE serine/threonine protein kinase family in the protein kinase superfamily. It is a key upstream regulatory molecule in the protein kinase signaling cascade. MAP3K1 is a bifunctional protein that contains a plant homologous domain (PHD) at its N-terminus, endowing it with E3 ubiquitin ligase activity; The C-terminus contains a kinase domain, giving it protein kinase activity. As an upstream kinase of the MAPK signaling pathway, MAP3K1 can activate multiple key signaling pathways by phosphorylating downstream molecules.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of MAP3K1.

Purification Polyclonal antibody was purified by immunogen affinity chromatography.

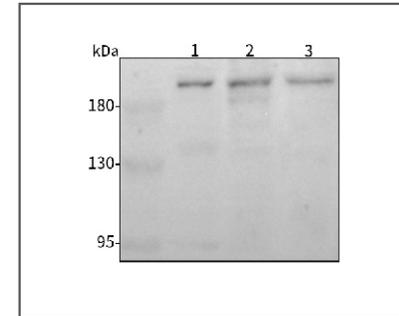
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Product Images



Western blot-Anti-MAP3K1 pAb

Lane 1: Human HEK293 cell lysate

Lane 2: Human HCT116 cell lysate

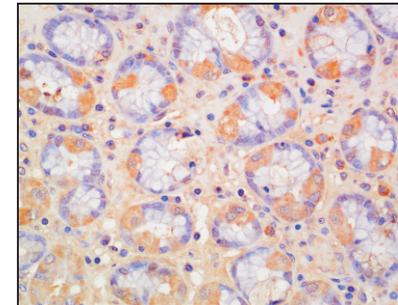
Lane 3: Human HepG2 cell lysate

All lanes: Anti-MAP3K1 at 1:1000 dilution

Lysates/proteins at 20-50 µg per lane.

Predicted band size: 164 kDa

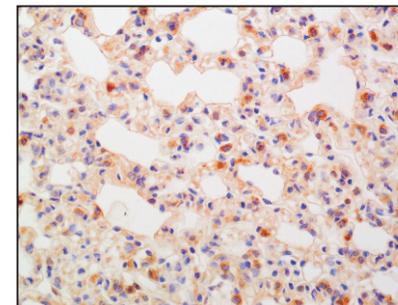
Observed band size: 196 kDa



Immunohistochemistry-Anti-MAP3K1 pAb

Immunohistochemical analysis of paraffin-embedded human stomach cancer using anti-MAP3K1 Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-MAP3K1 pAb

Immunohistochemical analysis of paraffin-embedded rat lung using anti-MAP3K1 Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

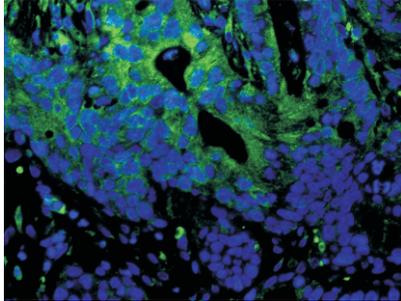
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Immunofluorescence-Anti-MAP3K1 pAb

Immunofluorescence analysis of paraffin-embedded human colon cancer using anti-MAP3K1 Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0