[KO Validated] Anti-MAP3K1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P104028

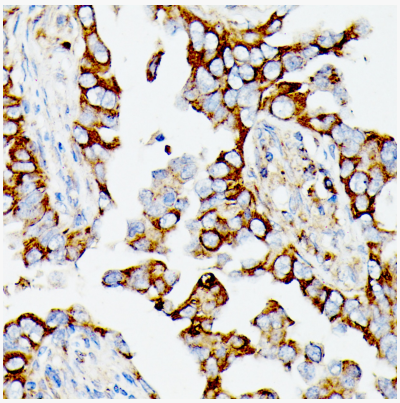
Product Information

Application	WB, IHC-P, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2000; IHC-P 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1400-1512 of human MAP3K1 (NP_005912.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-MAP3K1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

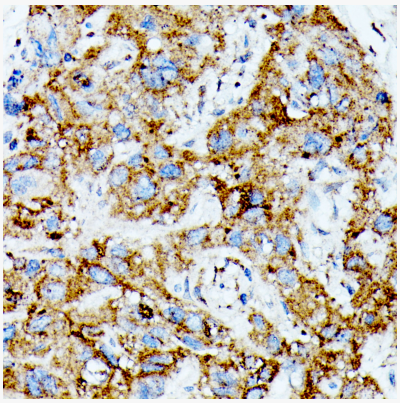
Protein Information

Synonyms	MEKK; MEKK1; SRXY6; MEKK 1; MAPKKK1; K1.
Calculated MW	Calculated MW: 164 kDa; Observed MW: 164 kDa
Uniprot ID	Q13233
Gene ID	4214
Background	The protein encoded by this gene is a serine/threonine kinase and is part of some signal transduction cascades, including the ERK and JNK kinase pathways as well as the NF-kappa-B pathway. The encoded protein is activated by autophosphorylation and requires magnesium as a cofactor in phosphorylating other proteins. This protein has E3 ligase activity conferred by a plant homeodomain (PHD) in its N-terminus and phospho-kinase activity conferred by a kinase domain in its C-terminus.

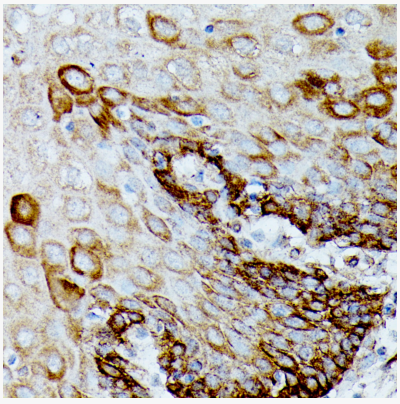
Validation Images



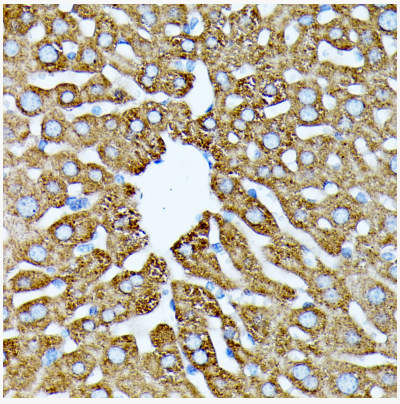
Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using MAP3K1 Rabbit pAb (P104028) at a dilution of 1:100 (40× lens). Microwave antigen retrieval was performed with 0.01 M Tris-EDTA repair solution (pH 9.0) prior to IHC staining.



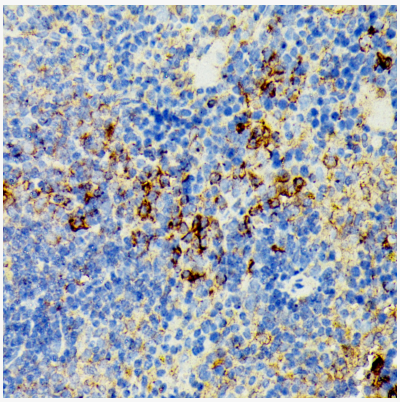
Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using MAP3K1 Rabbit pAb (P104028) at a dilution of 1:100 (40× lens). Microwave antigen retrieval was performed with 0.01 M Tris-EDTA repair solution (pH 9.0) prior to IHC staining.



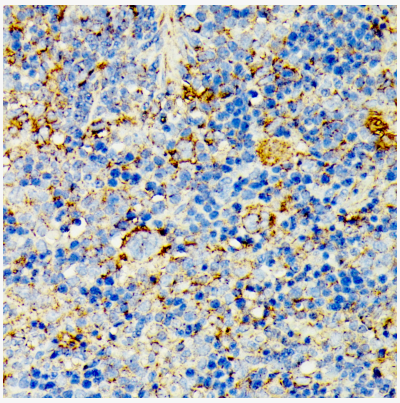
Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using MAP3K1 Rabbit pAb (P104028) at a dilution of 1:100 (40× lens). Microwave antigen retrieval was performed with 0.01 M Tris-EDTA repair solution (pH 9.0) prior to IHC staining.



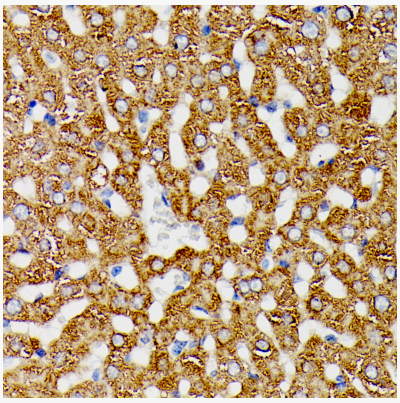
Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using MAP3K1 Rabbit pAb (P104028) at a dilution of 1:100 (40× lens). Microwave antigen retrieval was performed with 0.01 M Tris-EDTA repair solution (pH 9.0) prior to IHC staining.



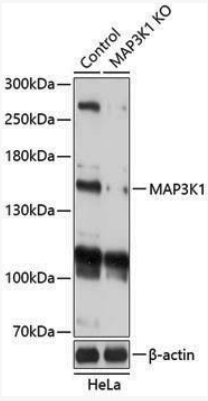
Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using MAP3K1 Rabbit pAb (P104028) at a dilution of 1:100 (40× lens). Microwave antigen retrieval was performed with 0.01 M Tris-EDTA repair solution (pH 9.0) prior to IHC staining.



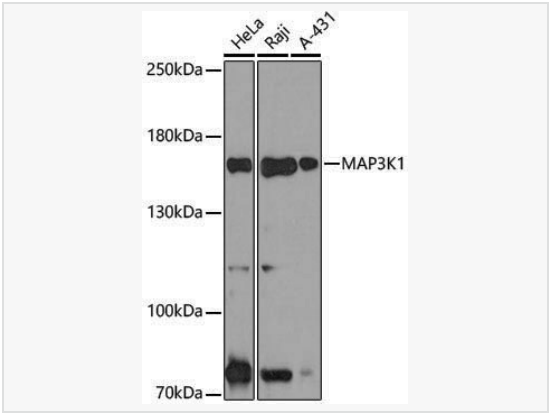
Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using MAP3K1 Rabbit pAb (P104028) at a dilution of 1:100 (40× lens). Microwave antigen retrieval was performed with 0.01 M Tris-EDTA repair solution (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using MAP3K1 Rabbit pAb (P104028) at a dilution of 1:100 (40× lens). Microwave antigen retrieval was performed with 0.01 M Tris-EDTA repair solution (pH 9.0) prior to IHC staining.



Western blot analysis of lysates from wild type (WT) and MAP3K1 knockout (KO) HeLa cells, using [KO Validated] MAP3K1 Rabbit pAb (P104028) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 1min.



Western blot analysis of various lysates using MAP3K1 (P104028) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 30s.