

Anti-TAK1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

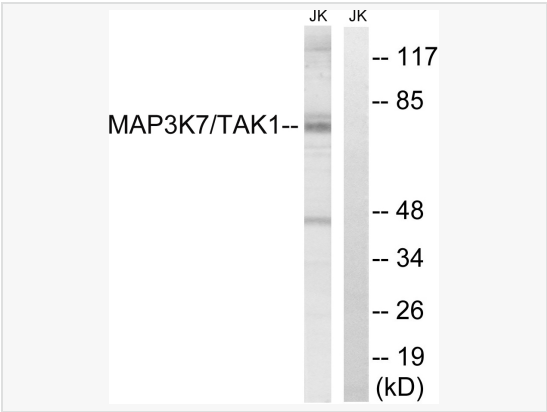
Catalog # P013505

Product Information

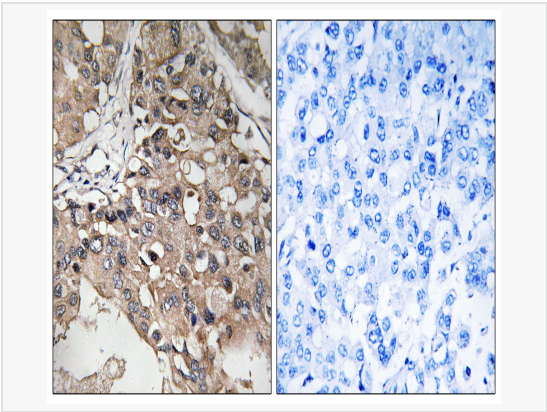
Application	ICC/IF (Cell), WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ELISA
Reactivity	Rat, Human, Mouse
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human MAP3K7.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
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-TAK1 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

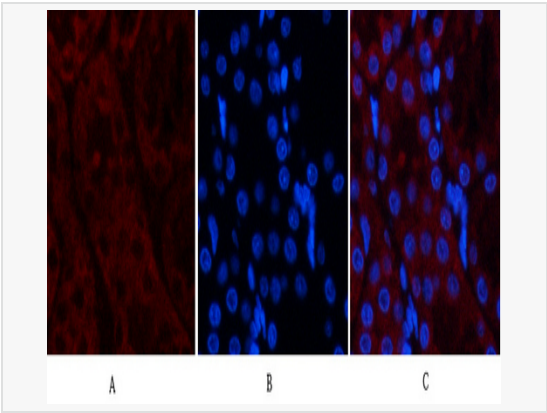
Synonyms	MAP3K7, TAK1, Mitogen-activated protein kinase kinase kinase 7, Transforming growth factor-beta-activated kinase 1, TGF-beta-activated kinase 1.
Calculated MW	Calculated MW: 67 kDa; Observed MW: 70 kDa
Uniprot ID	O43318
Gene ID	6885
Background	Component of a protein kinase signal transduction cascade. Mediator of TRAF6 and TGF-beta signal transduction. Activates IKBKB and MAPK8 in response to TRAF6 signaling. Stimulates NF-kappa-B activation and the p38 MAPK pathway. In osmotic stress signaling, plays a major role in the activation of MAPK8/JNK, but not that of NF-kappa-B.



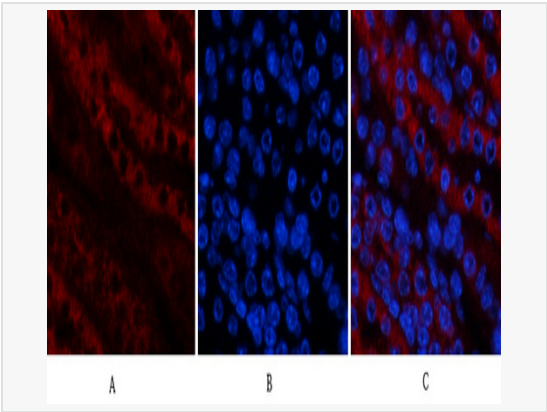
Western blot analysis of TAK1 in Jurkat lysates, treated with heat shock lysates using TAK1 antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma using TAK1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Immunofluorescence analysis of TAK1 in rat kidney using Tak1 antibody (red), and DAPI (blue).



Immunofluorescence analysis of TAK1 in mouse kidney using Tak1 antibody (red), and DAPI (blue).