Product Name: TAK1 Rabbit Polyclonal Antibody
Catalog #: APRab00387

Summary

Production Name	TAK1 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	MAP3K7
Alternative Names	MAP3K7; TAK1; Mitogen-activated protein kinase kinase kinase 7; Transforming growth factor-beta-activated kinase 1; TGF-beta-activated kinase 1
Gene ID	6885
SwissProt ID	O43318

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000
Molecular Weight	Calculated MW: 67 kDa; Observed MW: 70 kDa

Background

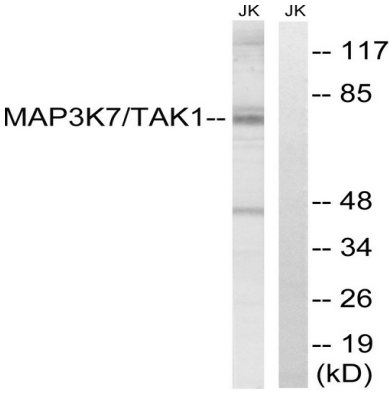
Product Name: TAK1 Rabbit Polyclonal Antibody
Catalog #: APRab00387

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.

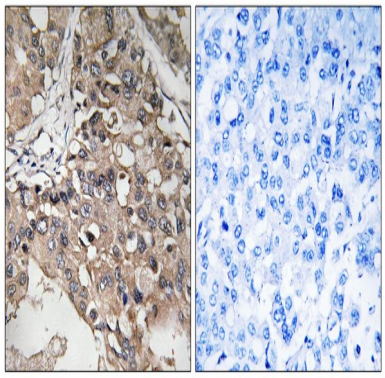
Research Area

Signal Transduction

Image Data

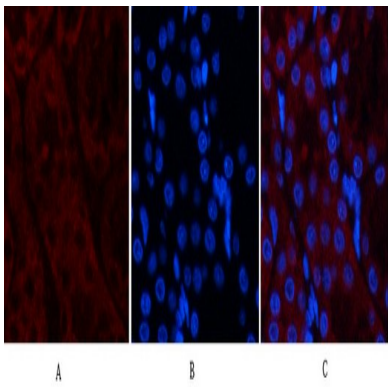


Western blot analysis of TAK1 in Jurkat lysates, treated with heat shock lysates using TAK1 antibody. The lane on the right is blocked with the synthesized peptide.

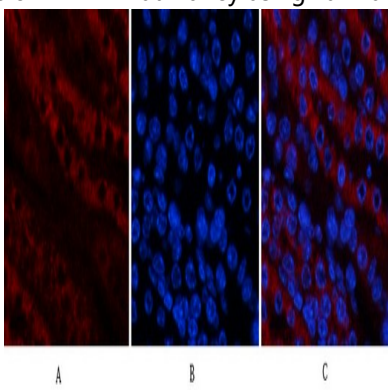


Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma using TAK1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.

Product Name: TAK1 Rabbit Polyclonal Antibody
Catalog #: APRab00387



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).

Note

For research use only.