MAP3K7 Rabbit Polyclonal Antibody

Catalog No: #53298

Package Size: #53298-1 50ul #53298-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

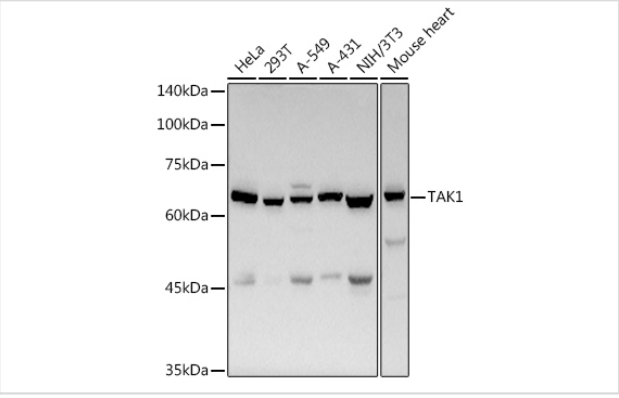
Description

Product Name	MAP3K7 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human TAK1 (NP_003179.1).
Other Names	CSCF;FMD2;MEKK7;TAK1;TGF1a;MAP3K7
Accession No.	Uniprot:O43318GeneID:6885
Calculated MW	53kDa/56kDa/64kDa/67kDa
SDS-PAGE MW	67KDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

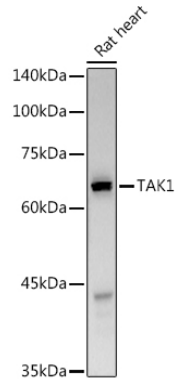
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

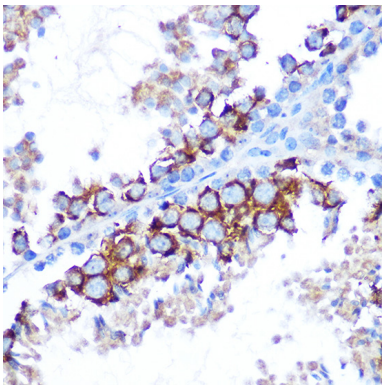
Images



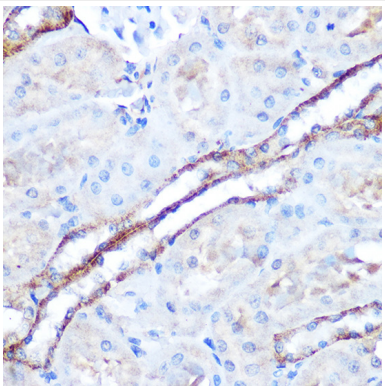
Western blot analysis of extracts of various cell lines, using TAK1 antibody.



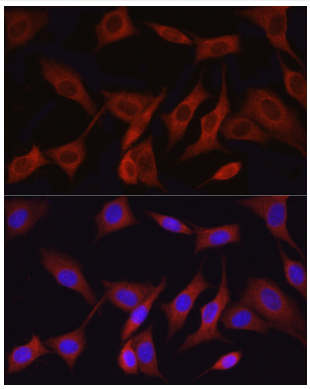
Western blot analysis of extracts of Rat heart, using TAK1 antibody.



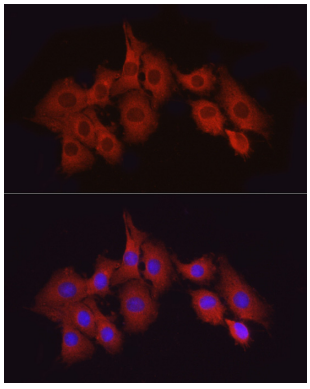
Immunohistochemistry of paraffin-embedded mouse testis using TAK1 Rabbit pAb.



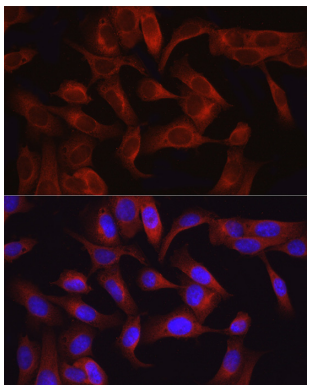
Immunohistochemistry of paraffin-embedded rat kidney using TAK1 Rabbit pAb.



Immunofluorescence analysis of NIH/3T3 cells using TAK1 Rabbit pAb.



Immunofluorescence analysis of PC-12 cells using TAK1 Rabbit pAb.



Immunofluorescence analysis of U2OS cells using TAK1 Rabbit pAb.

Background

The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase mediates the signaling transduction induced by TGF beta and morphogenetic protein (BMP), and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1, this protein forms a kinase complex including TRAF6, MAP3K7P1/TAB1 and MAP3K7P2/TAB2; this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK, MAP2K4/MKK4, and thus plays a role in the cell response to environmental stresses. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.