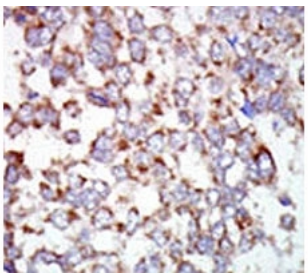
TAK1 Antibody / MAP3K7 (F50911)

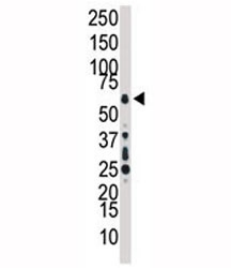
Catalog No.	Formulation	Size
F50911-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50911-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Mouse, Rat
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O43318
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
Limitations	This TAK1 antibody is available for research use only.



IHC analysis of FFPE human hepatocarcinoma tissue stained with the TAK1 antibody.



Western blot analysis of TAK1 antibody and HL-60 cell lysate. Predicted molecular weight: 64-69 kDa, routinely observed at 78-82 kDa.

Description

TAK1 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.

Application Notes

Titration of the TAK1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 574-606 from the human protein was used as the immunogen for this TAK1 antibody.

Storage

Aliquot the TAK1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.