

## Tak1 Polyclonal Antibody

Catalog No: #41477

Package Size: #41477-1 50ul #41477-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Tak1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC ELISA
Species Reactivity	Hu Ms Rt
Specificity	Tak1 Polyclonal Antibody detects endogenous levels of Tak1 protein.
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from human Tak1 around the non-phosphorylation site of T187.
Target Name	Tak1
Other Names	MAP3K7; TAK1; Mitogen-activated protein kinase kinase kinase 7; Transforming growth factor-beta-activated kinase 1; TGF-beta-activated kinase 1
Accession No.	Swiss-Prot: O43318NCBI Gene ID: 6885
SDS-PAGE MW	70kd
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

## Application Details

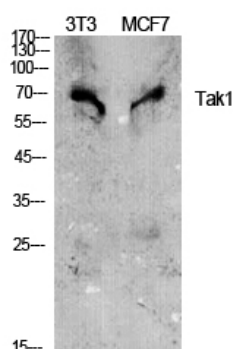
Western Blot: 1/500 - 1/2000.

Immunohistochemistry: 1/100 - 1/300.

ELISA: 1/40000.

Not yet tested in other applications.

## Images



Western Blot analysis of NIH-3T3 MCF7 cells using Tak1 Polyclonal Antibody

## Published Papers

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el at., Arginyltransferase knockdown attenuates cardiac hypertrophy and fibrosis through TAK1-JNK1/2 pathway. In Sci Rep on 2020 Jan 17 by Singh K, Gupta A, et al.. PMID: 31953451, , (2020)

[PMID:31953451](#)

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