

Tak1 (Phospho-Thr187) Polyclonal Antibody

Catalog No: #12255

Package Size: #12255-1 50ul #12255-2 100ul

Description

Product Name	Tak1 (Phospho-Thr187) 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	Phospho-Tak1 (T187) Polyclonal Antibody detects endogenous levels of Tak1 protein only when phosphorylated at T187.
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from human Tak1 around the phosphorylation site of T187.
Conjugates	Unconjugated
Target Name	Tak1
Modification	Phospho
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
Target Species	human
SDS-PAGE MW	60kd
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

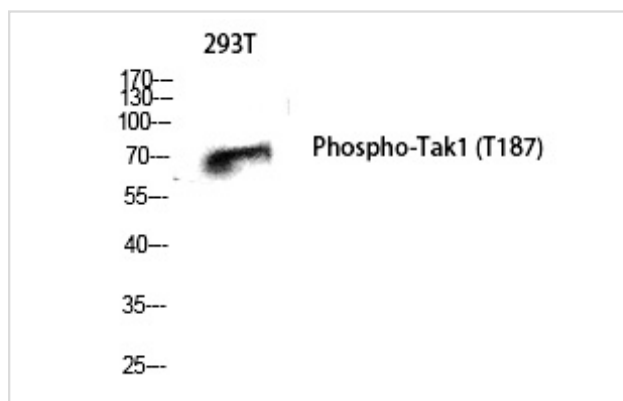
Western blotting: 1/500 - 1/2000

Immunohistochemistry: 1/100 - 1/300

ELISA: 1/10000

Not yet tested in other applications

Images



Western Blot analysis of 293T cells using Phospho-Tak1 (T187) Polyclonal Antibody

Published Papers

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](#)

el at., PGC-1 β suppresses saturated fatty acid-induced macrophage inflammation by inhibiting TAK1 activation. In IUBMB Life on 2016 Feb by Hongen Chen, Yan Liu, et al.. PMID: 26748475, , (2016)

[PMID:26748475](#)

el at., Liquiritin Attenuates Angiotensin II-Induced Cardiomyocyte Hypertrophy via ATE1/TAK1-JNK1/2 Pathway. In Evid Based Complement Alternat Med. 2022 Mar 16 by Jiajia Mo 1 2, Peng Zhou , et al.. PMID: 35341136, , (2022)

[PMID:35341136](#)

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