

For Research Use Only

Phospho-TAK1 (Thr187) Polyclonal antibody

Catalog Number: 28958-1-AP

4 Publications



Basic Information

Catalog Number: 28958-1-AP	GenBank Accession Number: BC017715	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 6885	Recommended Dilutions: WB 1:2000-1:10000
Source: Rabbit	UNIPROT ID: O43318	
Isotype: IgG	Full Name: mitogen-activated protein kinase kinase kinase 7	
	Calculated MW: 579 aa, 64 kDa	
	Observed MW: 75-85 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Calyculin A treated HEK-293T cells,
Cited Applications: WB	
Species Specificity: Human	
Cited Species: human	

Background Information

MAP3K7 (Mitogen-activated protein kinase kinase kinase 7) is also named as TAK1 and belongs to the MAP kinase kinase kinase subfamily. It plays an important role in the cascades of cellular responses evoked by changes in the environment. It has been linked to interleukin-1 receptor and tumor necrosis factor receptor signaling (PMID: 16186825). It has 4 isoforms (53-55 kDa; 64-70 kDa and 75-80 kDa) produced by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Shuhui Meng	36309313	Mol Cell Proteomics	WB
Cong Xiang	39256356	Cell Death Dis	WB
Cong Liu	38459169	Leukemia	WB

Storage

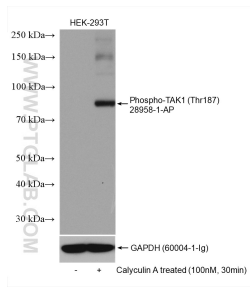
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data



Non-treated HEK-293T and Calyculin A treated HEK-293T cells were subjected to SDS PAGE followed by western blot with 28958-1-AP (Phospho-TAK1 (Thr187) antibody) at dilution of 1:5000 incubated 4°C overnight. The membrane was stripped and reblotted with GAPDH antibody as a loading control.