

For Research Use Only

# Phospho-TAK1 (Thr187) Polyclonal antibody



Catalog Number: 28958-1-AP

2 Publications

## Basic Information

Catalog Number:

28958-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC017715

GeneID (NCBI):

6885

UNIPROT ID:

O43318

Full Name:

mitogen-activated protein kinase kinase kinase 7

Calculated MW:

579 aa, 64 kDa

Observed MW:

75-85 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

Human

Cited Species:

human

Positive Controls:

WB: Calyculin A treated HEK-293T cells,

## 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 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

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

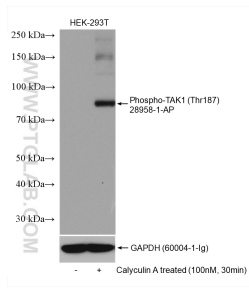
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## Selected Validation Data



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.