

For Research Use Only

# Phospho-MEK2 (Thr394) Polyclonal antibody

Catalog Number: 28955-1-AP

5 Publications



## Basic Information

Catalog Number:

28955-1-AP

Size:

100ul, Concentration: 750 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC018645

GeneID (NCBI):

5605

UNIPROT ID:

P36507

Full Name:

mitogen-activated protein kinase kinase 2

Calculated MW:

44 kDa

Observed MW:

44 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

Human, Mouse

Cited Species:

human, mouse, rat

Positive Controls:

WB : NIH/3T3 cells, λ phosphatase treated NIH/3T3 cells

## Background Information

MEK2(MAPK/ERK kinase 2) is also named as MAP2K2, MKK2, PRKMK2 and belongs to the MAP kinase kinase subfamily. MAPKK is itself dependent on Ser/Thr phosphorylation for activity catalyzed by MAP kinase kinase kinases (RAF or MEKK1). MEK1 and MEK2 are closely related, dual-specificity tyrosine/threonine protein kinases found in the Ras/Raf/MEK/ERK mitogen-activated protein kinase (MAPK) signaling pathway.

## Notable Publications

Author	Pubmed ID	Journal	Application
Shengming Huang	34010584	Pharm Biol	WB
Xiaolei Zhang	39364751	Mol Med Rep	WB
Yao Wu	38943090	Cell Mol Biol Lett	WB

## Storage

Storage:

Store at -20°C.

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

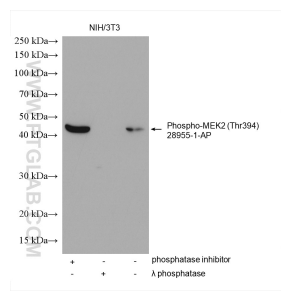
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## Selected Validation Data



Non-treated NIH/3T3, phosphatase inhibitor treated and λ phosphatase treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 28955-1-AP (Phospho-MEK2 (Thr394) antibody) at dilution of 1:1000 incubated at 4°C overnight.