

For Research Use Only

# Phospho-MEK2 (Thr394) Polyclonal antibody



Catalog Number: 28955-1-AP

3 Publications

## Basic Information

**Catalog Number:**

28955-1-AP

**Size:**

750 µg/ml

**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, rat, mouse

**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
Weidong Lian	38164172	Int J Biol Sci	WB
Andrew S Mendiola	37291385	Nat Immunol	WB,IF

## 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

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

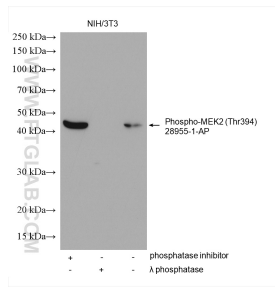
T: 4006900926

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W: ptgcn.com

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## Selected Validation Data



Non-treated NIH/3T3, phosphatase inhibitor treated and  $\lambda$  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.