

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, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

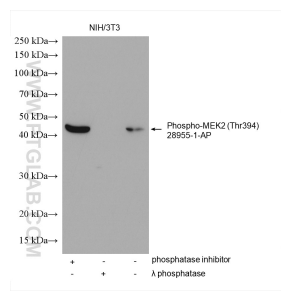
For technical support and original validation data for this product please contact:

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Selected Validation Data



Non-treated 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.