

MEK1/2 Polyclonal ANTIBODY

Catalog Number: 11049-1-AP

4 Publications

Basic Information

Catalog Number:
11049-1-AP

Size:
40 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG1481

GenBank Accession Number:
BC018645

GeneID (NCBI):
5605

Full Name:
mitogen-activated protein kinase kinase 2

Calculated MW:
44 kDa

Observed MW:
44-47 kDa

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IF 1:10-1:100

Applications

Tested Applications:

IF, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human,mouse,rat

Cited Species:

human

Positive Controls:

WB : HL-60 cells; human brain tissue, Jurkat cells, SH-SY5Y cells

IP : HL-60 cells;

IF : SH-SY5Y 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 MEK1). 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. 11049-1-AP can recognize both the MEK2 and MEK1.

Notable Publications

Author	Pubmed ID	Journal	Application
Yi Wang	21993544	Mol Med Rep	WB
Wenjuan Li	29706623	Cell Death Dis	WB
Haoyi Jin	31041193	Front Oncol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

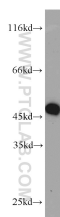
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

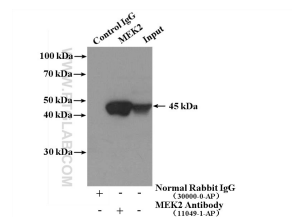
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

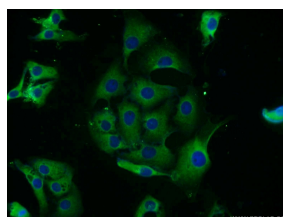
Selected Validation Data



HL-60 cells were subjected to SDS PAGE followed by western blot with 11049-1-AP(MEK2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours



IP Result of anti-MEK2 (IP:11049-1-AP, 4ug; Detection:11049-1-AP 1:1000) with HL-60 cells lysate 1280ug.



Immunofluorescent analysis of SH-SY5Y cells using 11049-1-AP(MEK2 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)