

MEK2 Polyclonal Antibody

Catalog number: 11049-1-AP

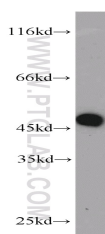
Size: 40 µg/150 µl

Source: Rabbit

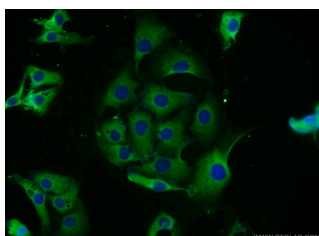
Isotype: IgG

Synonyms:

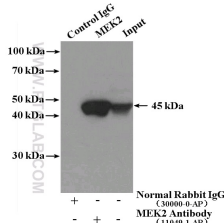
MAP2K2; ERK activator kinase 2, FLJ26075, MAP kinase kinase 2, MAP2K2, MAPK/ERK kinase 2, MAPKK 2, MAPKK2, MEK 2, MEK2, MKK2, PRKMK2



HL-60 cells were subjected to SDS PAGE followed by western blot with 11049-1-AP (MAP2K2 antibody) at dilution of 1:1000



Immunofluorescent analysis of SH-SY5Y cells using 11049-1-AP (MAP2K2 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IP Result of anti-MAP2K2 (IP:11049-1-AP, 4ug; Detection:11049-1-AP 1:1000) with HL-60 cells lysate 1280ug.

Background

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. 11049-1-AP can recognize both the MEK2 and MEK1.

Applications

Tested applications:	ELISA, WB, IF, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated MEK2 MW:	44 kDa
Observed MEK2 MW:	44-47 kDa
Positive WB detected in	HL-60 cells, human brain tissue, Jurkat cells, SH-SY5Y cells
Positive IP detected in	HL-60 cells
Positive IF detected in	SH-SY5Y cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1481
GenBank accession number:	BC018645
Gene ID (NCBI):	5605
Full name:	Mitogen-activated protein kinase kinase 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.