

MAPKAPK5 Polyclonal Antibody

Catalog number: 14339-1-AP

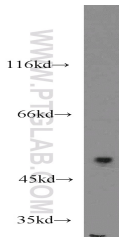
Size: 38 µg/150 µl

Source: Rabbit

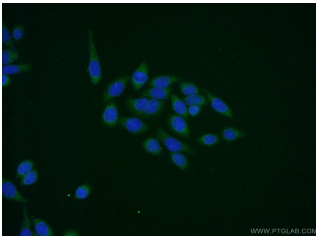
Isotype: IgG

Synonyms:

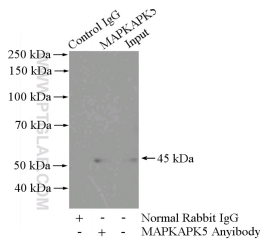
MAPKAPK5; MAPKAP kinase 5, MAPKAPK 5, MAPKAPK5, PRAK



HeLa cells were subjected to SDS PAGE followed by western blot with 14339-1-AP (MAPKAPK5 antibody) at dilution of 1:1000



Immunofluorescent analysis of (-20 Ethanol) fixed HeLa cells using 14339-1-AP (MAPKAPK5 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IP Result of anti-MAPKAPK5 (IP:14339-1-AP, 4µg; Detection:14339-1-AP 1:500) with HeLa cells lysate 2800µg.

Background

MAPKAPK5 (MAP kinase-activated protein kinase 5) is also named as PRAK and belongs to the CAMK Ser/Thr protein kinase family. MAPKAPK5 contains the conserved protein kinase domains I through XI, which are characteristic of all protein kinases. It is a major stress-activated kinase that can phosphorylate small heat shock protein, suggesting a potential role for PRAK in mediating stress-induced HSP27 phosphorylation in vivo (PMID:9628874). It has 2 isoforms produced by alternative splicing.

Applications

Tested applications:	ELISA, WB, IP, IF
Cited applications:	IP, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated MAPKAPK5 MW:	54 kDa
Observed MAPKAPK5 MW:	54 kDa
Positive WB detected in	HeLa cells, Jurkat cells
Positive IP detected in	HeLa cells
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:2000
	IF: 1:50-1:500

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

Immunogen information

Immunogen:	Ag5650
GenBank accession number:	BC047284
Gene ID (NCBI):	8550
Full name:	Mitogen-activated protein kinase-activated protein kinase 5

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.