

For Research Use Only

Phospho-MAP2K4 (Ser257/Thr261) Polyclonal antibody



Catalog Number: 29250-1-AP

Basic Information

Catalog Number: 29250-1-AP	GenBank Accession Number: BC036032	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 700 µg/ml by Nanodrop;	GeneID (NCBI): 6416	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: mitogen-activated protein kinase kinase 4	
Isotype: IgG	Calculated MW: 399 aa, 44 kDa	
	Observed MW: 44-50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : PDGF treated PC-3 cells,
Species Specificity: Human	

Background Information

Mitogen-activated protein kinase kinase 4 (MAP2K4), also known as MAP kinase kinase 4 (MKK4), is a second-level kinase in the hierarchical mitogen-activated protein kinase (MAPK) pathway and is regulated by Ras. MAP2K4 has been found to be stably mutated in 3-5 % of cancers, such as ovarian, prostate, and liver cancers. MAP2K4 is activated by MEK1 or ASK1/TAK1/MLK3. It is unique among all known MAP2Ks in its ability to phosphorylate two different MAPKs, p38 and JNK (c-Jun N-terminal kinase), respectively. (PMID: 24487067, PMID: 33341545)

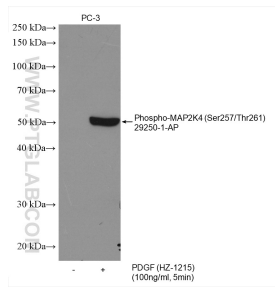
Storage

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: 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



Non-treated PC-3 cells and PDGF (HZ-1215) treated PC-3 cells were subjected to SDS PAGE followed by western blot with 29250-1-AP (Phospho-MAP2K4 (Ser257/Thr261) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.