

For Research Use Only

Phospho-DLK/MAP3K12 (Thr43) Polyclonal antibody



Catalog Number: 28277-1-AP

Basic Information

Catalog Number: 28277-1-AP	GenBank Accession Number: NM_001193511	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 300 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7786	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: mitogen-activated protein kinase kinase kinase 12	
Isotype: IgG	Calculated MW: 93 kda	
	Observed MW: 93 kDa	

Applications

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

Background Information

MAP3K12, also named as DLK ((dual leucine zipper kinase), is a part of a non-canonical MAPK signaling pathway. It has been reported that MAP3K12 can be activated by APOE through a receptor-mediated mechanism. MAP3K12 enhances the AP-1-mediated transcription of APP via a MAP kinase signal transduction pathway composed of MAP2K7, MAPK1/ERK2 and MAPK3/ERK1. MAP3K12 is required for pancreatic beta-cell proliferation during postnatal development and stress-induced JNK signaling in neurons.(PMID: 28111074, 25341110, 32189007)

Storage

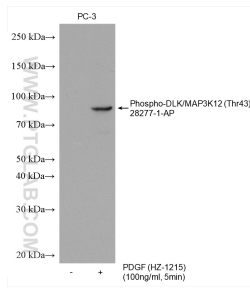
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
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 and PDGF (HZ-1215) treated PC-3 cells were subjected to SDS PAGE followed by western blot with 28277-1-AP (Phospho-DLK (Thr43) antibody) at dilution of 1:600 incubated at 4°C overnight.