

For Research Use Only

TAOK3 Polyclonal antibody

Catalog Number: 28403-1-AP



Basic Information

Catalog Number: 28403-1-AP	GenBank Accession Number: BC002756	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 51347	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	Full Name: TAO kinase 3	
Isotype: IgG	Calculated MW: 105 kDa	
Immunogen Catalog Number: AG29158	Observed MW: 100-105 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Raji cells,
Species Specificity: Human	

Background Information

TAOK3 (Serine/threonine-protein kinase TAO3) is also named as DPK, JIK, KDS, MAP3K18. It belongs to the STE Ser/Thr protein kinase family. TAOK3 acts as an activator of the p38/MAPK14 stress-activated MAPK cascade. In response to DNA damage, it is involved in the G2/M transition DNA damage checkpoint by activating the p38/MAPK14 stress-activated MAPK cascade, probably by mediating phosphorylation of upstream MAP2K3 and MAP2K6 kinases. The protein can also be autophosphorylated (PMID:20949042).

Storage

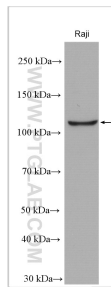
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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Selected Validation Data



Raji cells were subjected to SDS PAGE followed by western blot with 28403-1-AP (TAOK3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.