

For Research Use Only

TAOK2 Recombinant antibody

Catalog Number: 86221-1-RR



Basic Information

Catalog Number: 86221-1-RR	GenBank Accession Number: BC142663	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9344	CloneNo.: 250450B1
Source: Rabbit	UNIPROT ID: Q9UL54	Recommended Dilutions: WB: 1:1000-1:4000
Isotype: IgG	Full Name: TAO kinase 2	
Immunogen Catalog Number: AG15521	Calculated MW: 1235 aa, 138 kDa	
	Observed MW: 138-150 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, Hep cells, HEK-293 cells
Species Specificity: human	

Background Information

TAOK2(Serine/threonine-protein kinase TAO2) is also named as KIAA0881, MAP3K17, PSK, PSK1 and belongs to the protein kinase superfamily. TAOK2 is known to modulate gene transcription via its activation of several MAP kinase pathways, including c-Jun amino-terminal kinase (JNK), and has been implicated in the modulation of actin and microtubule dynamics. The time course of TAOK2 expression is consistent with a role for it in neuronal differentiation.(PMID:22735514). The immunogen of this antibody is 742-969 aa of human TAOK2 protein isoform Alpha.This antibody mainly detects the isoform 1/3/4. It can't detect the isoform 2.

Storage

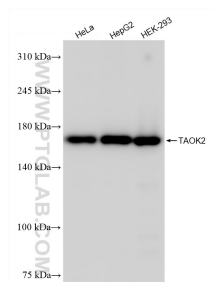
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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



Various lysates were subjected to SDS PAGE followed by western blot with 86221-1-RR (TAOK2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.