

For Research Use Only

TNIK Polyclonal antibody

Catalog Number: 13955-1-AP



Basic Information

Catalog Number: 13955-1-AP	GenBank Accession Number: BC055427	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 23043	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q9UKE5	
Isotype: IgG	Full Name: TRAF2 and NCK interacting kinase	
Immunogen Catalog Number: AG5068	Calculated MW: 155 kDa	
	Observed MW: 150~180 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, K-562 cells, COLO 205 cells
Species Specificity: human	

Background Information

TNIK (Traf2- and Nck-interacting kinase) is one of the germinal center kinase family members involved in cytoskeleton organization and neuronal dendrite extension, which had been implicated in postsynaptic signaling as well as in regulation of cell proliferation. TNiK is expressed in the nervous system and plays key roles at the synapse and nucleus. In non-neuronal cells, TNiK has been described as a critical component of transcriptional regulatory mechanisms, mediated by Wnt signaling (PMID: 24566388). TNiK is also an essential regulatory component of the T-cell factor-4 and β -catenin transcriptional complex and is required for the tumor-initiating function of colorectal cancer stem cells (PMID: 10521462). Western blot analysis detected TNiK at an apparent molecular mass of 150~180 kDa as cited in literature (PMID: 24566388).

Storage

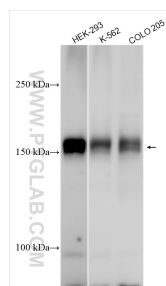
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



Various lysates were subjected to SDS PAGE followed by western blot with 13955-1-AP (TNIK antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.