

For Research Use Only

TNIK Polyclonal antibody

Catalog Number: 13955-1-AP



Basic Information

Catalog Number:

13955-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5068

GenBank Accession Number:

BC055427

GeneID (NCBI):

23043

UNIPROT ID:

Q9UKE5

Full Name:

TRAF2 and NCK interacting kinase

Calculated MW:

155 kDa

Observed MW:

150~180 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, K-562 cells, COLO 205 cells

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

For technical support and original validation data for this product please contact:

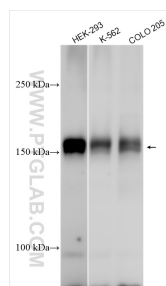
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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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.