

Rabbit anti-Human, mouse TNIK Polyclonal Antibody | anti-TNIK antibody

TNIK Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290408	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

TNIK; Polyclonal Antibody; TNIK Antibody (N-term); TRAF2 and NCK-interacting protein kinase; KIAA0551; anti-TNIK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TNIK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human TNIK.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	1,268
Applicable Applications for anti-TNIK antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

TNIK Antibody (M1) western blot analysis in Hela cell line lysates (35ug/lane). This demonstrates the TNIK antibody detected the TNIK protein (arrow).



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

The anti-TNIK Pab is used in Western blot to detect TNIK in mouse brain tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-TNIK antibody	Germinal center kinases (GCKs), such as TNIK, are characterized by an N-terminal kinase domain and a C-terminal GCK domain that serves a regulatory function (Fu et al., 1999 [PubMed 10521462]).[supplied by OMIM]
Product Categories/Family for anti-TNIK antibody	Signal Transduction
References	Blume-Jensen P, et al. Nature 2001. 411: 355. Cantrell D, J. Cell Sci. 2001. 114: 1439. Jhiang S Oncogene 2000. 19: 5590. Manning G, et al. Science 2002. 298: 1912. Moller, D, et al. Am. J. Physiol. 1994. 266: C351-C359. Robertson, S. et al. Trends Genet. 2000. 16: 368. Robinson D, et al. Oncogene 2000. 19: 5548. Van der Ven, P, et al. Hum. Molec. Genet. 1993. 2: 1889. Vanhaesebroeck, B, et al. Biochem. J. 2000. 346: 561. Van Weering D, et al. Recent Results Cancer Res. 1998. 154: 271.

NCBI AND UNIPROT INFORMATION

NCBI GI #	239735580
NCBI GeneID	23043
NCBI Accession #	NP_001155032.1; NP_001155033.1; NP_001155034.1; NP_001155035.1; NP_001155036.1; NP_001155037.1; NP_001155038.1; NP_055843.1
NCBI GenBank Nucleotide #	NM_001161560.1
UniProt Accession #	Q9UKE5; O60298; Q8WUY7; Q9UKD8; Q9UKD9; Q9UKE0; Q9UKE1; Q9UKE2; Q9UKE3; A7E2A3; A8K4U1; D3DNQ6
Molecular Weight	154943
NCBI Official Full Name	TRAF2 and NCK-interacting protein kinase isoform 2
NCBI Official Synonym Full Names	TRAF2 and NCK interacting kinase
NCBI Official Symbol	TNIK
NCBI Protein Information	TRAF2 and NCK-interacting protein kinase
UniProt Protein Name	TRAF2 and NCK-interacting protein kinase
UniProt Gene Name	TNIK
UniProt Synonym Gene Names	KIAA0551
UniProt Entry Name	TNIK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.