



TNIK Polyclonal Antibody

Catalog No	YP-Ab-05173
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	TNIK KIAA0551
Immunogen	Synthesized peptide derived from human protein . at AA range: 350-430
Specificity	TNIK Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:2.7.11.1;KIAA551;TRAF2 and NCK-interacting protein kinase;TNIK;TNIK KIAA0551;TRAF2 and NCK-interacting protein kinase (EC 2.7.11.1)
Observed Band	149kD
Calculated Molecular Weight	155~18 kDa
Cell Pathway	Nucleus. Cytoplasm. Recycling endosome. Cytoplasm, cytoskeleton. Associated with recycling endosomes and the cytoskeletal fraction upon RAP2A overexpression.
Tissue Specificity	Expressed ubiquitously. Highest levels observed in heart, brain and skeletal muscle. Expressed in normal colonic epithelia and colorectal cancer tissues.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Stress-activated serine/threonine kinase that may play a role in the response to environmental stress. Appears to act upstream of the JUN N-terminal pathway. May play a role in cytoskeletal regulation.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily.,similarity:Contains 1 CNH domain.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with TRAF2 and NCK.,tissue specificity:Expressed ubiquitously. Highest levels observed in heart, brain and skeletal muscle.,

**Background**

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, Mar 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images