Datasheet for ABIN392499

anti-TNIK antibody (N-Term)

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Overview

Quantity:	400 µL
Target:	TNIK
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNIK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB3388
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	TNIK
Alternative Name:	TNIK (TNIK Products)

Target Details

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]
Molecular Weight:	154943
Gene ID:	23043
NCBI Accession:	NP_001155032, NP_001155033, NP_001155034, NP_001155035, NP_001155036, NP_001155037, NP_001155038, NP_055843
UniProt:	Q9UKE5

Application Details

Application Notes:	IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

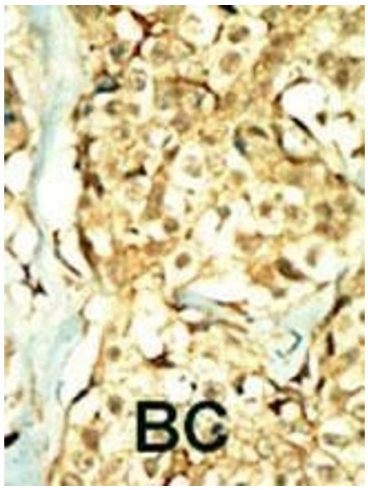
Publications

Product cited in:	Zhang, Jiang, Qin, Su, Cao, Wang: "TNIK serves as a novel biomarker associated with poor prognosis in patients with pancreatic cancer." in: **Tumour biology**, (2015) (PubMed). Wang, Charych, Pulito, Lee, Graziane, Crozier, Revilla-Sanchez, Kelly, Dunlop, Murdoch, Taylor, Xie, Pausch, Hayashi-Takagi, Ishizuka, Seshadri, Bates, Kariya, Sawa, Weinberg, Moss, Houslay, Yan et al.: "The psychiatric disease risk factors DISC1 and TNIK interact to regulate synapse

Publications

composition and function. ..." in: **Molecular psychiatry**, Vol. 16, Issue 10, pp. 1006-23, (2011) (PubMed).

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 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.