

Datasheet for ABIN7172340
anti-TNIK antibody (AA 523-714)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	TNIK
Binding Specificity:	AA 523-714
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human TRAF2 and NCK-interacting protein kinase protein (523-714AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TNIK
Alternative Name:	TNIK (TNIK Products)
Background:	Background: Serine/threonine kinase that acts as an essential activator of the Wnt signaling pathway. Recruited to promoters of Wnt target genes and required to activate their expression. May act by phosphorylating TCF4/TCF7L2. Appears to act upstream of the JUN N-terminal pathway. May play a role in the response to environmental stress. Part of a signaling complex

Target Details

composed of NEDD4, RAP2A and TNIK which regulates neuronal dendrite extension and arborization during development. More generally, it may play a role in cytoskeletal rearrangements and regulate cell spreading. Phosphorylates SMAD1 on Thr-322.

Aliases: EC 2.7.11.1 antibody, KIAA0551 antibody, Tnik antibody, TNIK_HUMAN antibody, Traf2 and NCK interacting kinase antibody, Traf2 and NCK-interacting protein kinase antibody

UniProt: [Q9UKE5](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

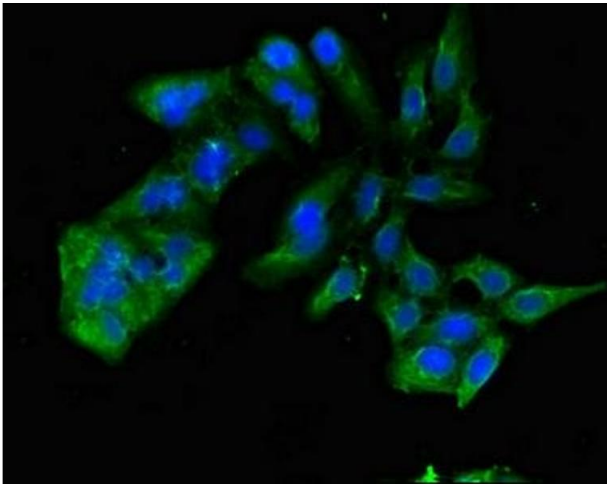
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

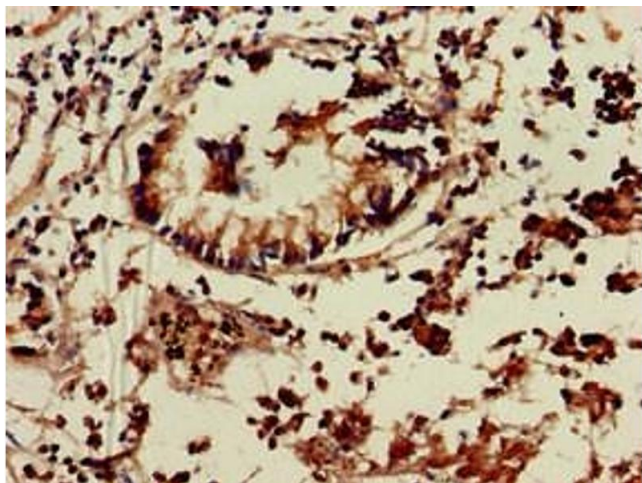
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



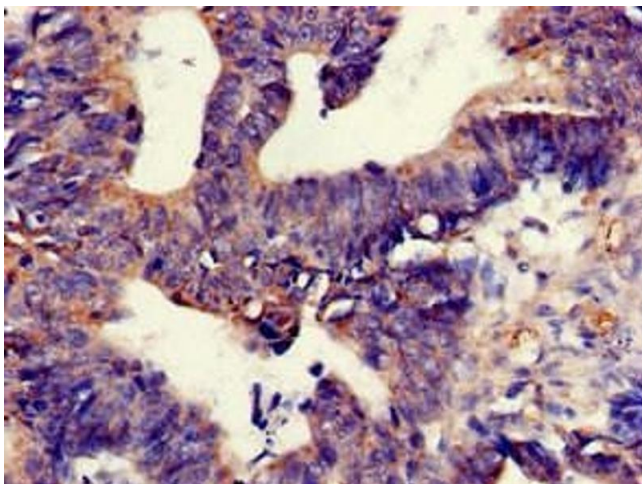
Immunofluorescence

Image 1. Immunofluorescent analysis of HeLa cells using ABIN7172340 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human appendix tissue using ABIN7172340 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7172340 at dilution of 1:100