



Datasheet for ABIN7149352
anti-NCK1 antibody (AA 58-377)



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3 Images

Overview

Quantity:	100 µL
Target:	NCK1
Binding Specificity:	AA 58-377
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Cytoplasmic protein NCK1 protein (58-377AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Antigen Affinity purified

Target Details

Target:	NCK1
Alternative Name:	NCK1 (NCK1 Products)
Background:	Background: Adapter protein which associates with tyrosine-phosphorylated growth factor receptors, such as KDR and PDGFRB, or their cellular substrates. Maintains low levels of EIF2S1

Target Details

phosphorylation by promoting its dephosphorylation by PP1. Plays a role in the DNA damage response, not in the detection of the damage by ATM/ATR, but for efficient activation of downstream effectors, such as that of CHEK2. Plays a role in ELK1-dependent transcriptional activation in response to activated Ras signaling. Modulates the activation of EIF2AK2/PKR by dsRNA. May play a role in cell adhesion and migration through interaction with ephrin receptors.

Aliases: Cytoplasmic protein NCK1 antibody, Melanoma Nck protein antibody, MGC12668 antibody, NCK 1 antibody, NCK adaptor protein 1 antibody, NCK alpha antibody, NCK antibody, NCK tyrosine kinase antibody, Nck-1 antibody, NCK1 antibody, NCK1_HUMAN antibody, NCKalpha antibody, Non catalytic region of tyrosine kinase antibody, SH2/SH3 adaptor protein NCK alpha antibody, SH2/SH3 adaptor protein NCK-alpha antibody

UniProt: [P16333](#)

Pathways: [TCR Signaling](#), [Regulation of Actin Filament Polymerization](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [VEGFR1 Specific Signals](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

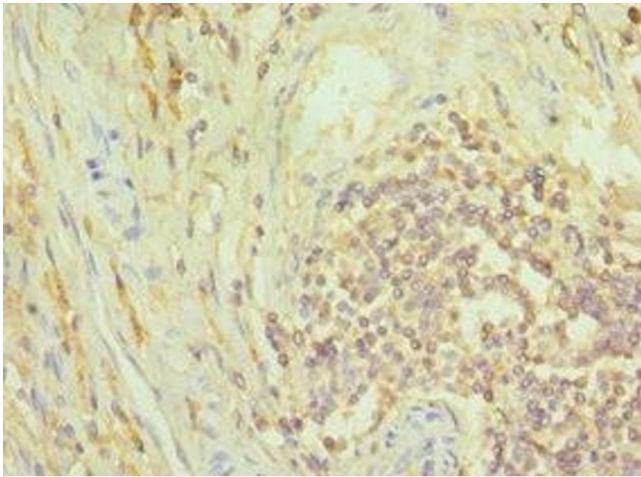
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

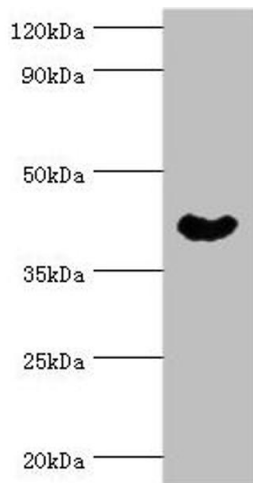
Storage: -20 °C,-80 °C

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



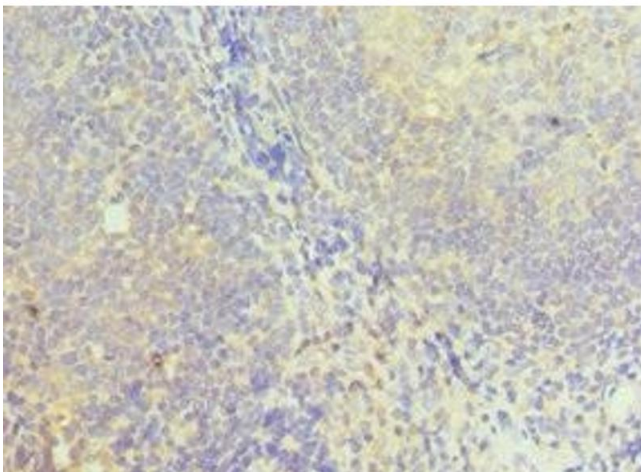
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7149352 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: Cytoplasmic protein NCK1 antibody at 4 µg/mL + Rat liver tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 43, 36 kDa Observed band size: 43 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7149352 at dilution of 1:100