

Datasheet for ABIN7268834

**anti-NCK1 antibody**

3 Images

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## Overview

Quantity:	100 µL
Target:	NCK1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This NCK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Purpose:	NCK1 Rabbit mAb
Immunogen:	A synthesized peptide derived from human NCK11
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	NCK1
Alternative Name:	NCK1 ( <a href="#">NCK1 Products</a> )
Background:	The protein encoded by this gene is one of the signaling and transforming proteins containing

## Target Details

Src homology 2 and 3 (SH2 and SH3) domains. It is located in the cytoplasm and is an adaptor protein involved in transducing signals from receptor tyrosine kinases to downstream signal recipients such as RAS. Alternatively spliced transcript variants encoding different isoforms have been found. [provided by RefSeq, Jun 2010],NCK, NCKalpha, nck-1,Cancer,Cell Biology & Developmental Biology,Cell Cycle,Cell Cycle\_Cell cycle inhibitors,Cytoskeleton,Cytoskeleton\_Actins,Cytoskeleton\_Microfilaments,Endocrine & Metabolism,Epigenetics & Nuclear Signaling,ErbB-HER Signaling Pathway,Immunology & Inflammation,Insulin Receptor Signaling Pathway,Signal Transduction,T Cell Receptor Signaling Pathway,Translation Control,Translational Control\_Regulation of eIF2,Translational Control\_Regulation of eIF4 and p70 S6 Kinase,NCK1

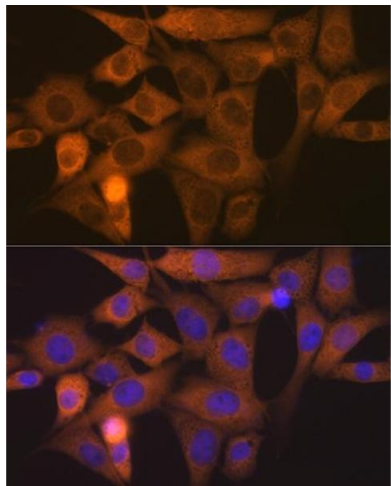
Molecular Weight:	47kDa
Gene ID:	4690
UniProt:	<a href="#">P16333</a>
Pathways:	<a href="#">TCR Signaling</a> , <a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a> , <a href="#">VEGFR1 Specific Signals</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

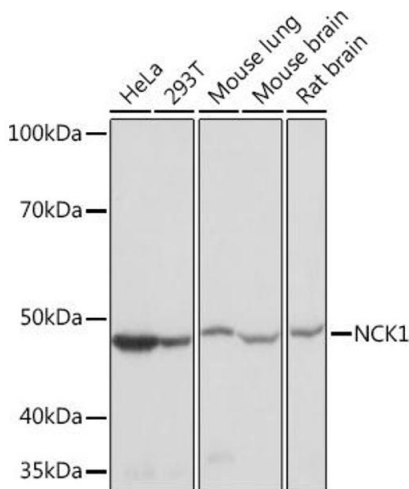
## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



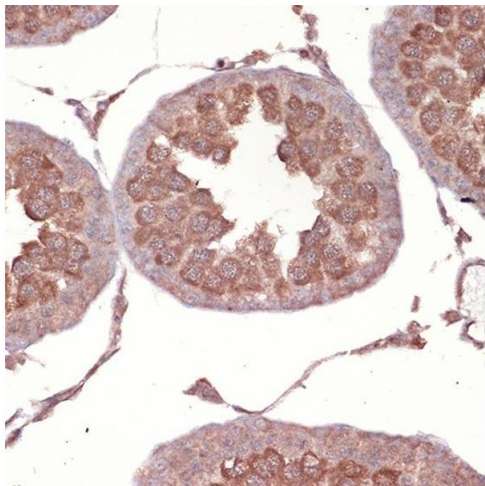
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of NIH-3T3 cells using NCK11 Rabbit mAb (ABIN7268834) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using NCK11 Rabbit mAb (ABIN7268834) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1 s.



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded rat testis using NCK11 Rabbit mAb (ABIN7268834) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.