

Datasheet for ABIN7191586

anti-NCKAP1 antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	NCKAP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of Human NCKAP1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen affinity purification

Target Details

Target:	NCKAP1
Alternative Name:	NCKAP1 (NCKAP1 Products)
Background:	Background: NAP125, also known as NCKAP1 (NCK-associated protein 1), p125Nap1 or membrane-associated protein HEM-2, is a 1,128 amino acid single pass membrane protein that exists as two alternatively spliced isoforms and belongs to the HEM-1/HEM-2 family. While widely expressed, NAP125 is found at highest levels in heart, brain and skeletal muscle where it regulates Rac-dependent actin remodeling as part of a lamellipodial complex with WAVE2, Abi-

Target Details

1 and CYFIP1. NAP125 localizes to the cytoplasmic side of lamellipodium membrane and is encoded by a gene that maps to human chromosome 2q32.1 and mouse chromosome 2 C3. NAP125 expression is markedly reduced in Alzheimer disease (AD)-affected brains, suggesting a possible role in the disease.

Aliases: FLJ11291 antibody, KIAA0587 antibody, Membrane associated protein HEM2 antibody, Membrane-associated protein HEM-2 antibody, MGC8981 antibody, NAP 1 antibody, NAP1 antibody, NAP125 antibody, NCK associated protein 1 antibody, NCK associated protein antibody, Nck-associated protein 1 antibody, Nckap1 antibody, NCKP1_HUMAN antibody, OTTHUMP00000163460 antibody, OTTHUMP00000163461 antibody, p125Nap1 antibody

UniProt: [Q9Y2A7](#)

Pathways: [RTK Signaling](#), [Tube Formation](#), [Asymmetric Protein Localization](#), [Embryonic Body Morphogenesis](#)

Application Details

Application Notes: ELISA:1:1000-1:2000, IHC:1:25-1:100,

Restrictions: For Research Use only

Handling

Format: Liquid

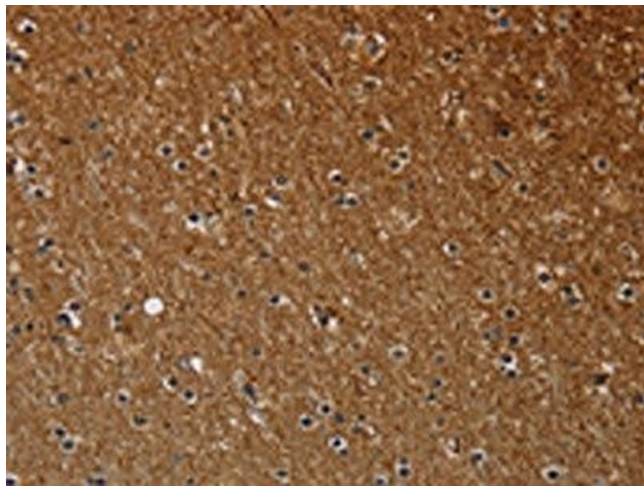
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

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

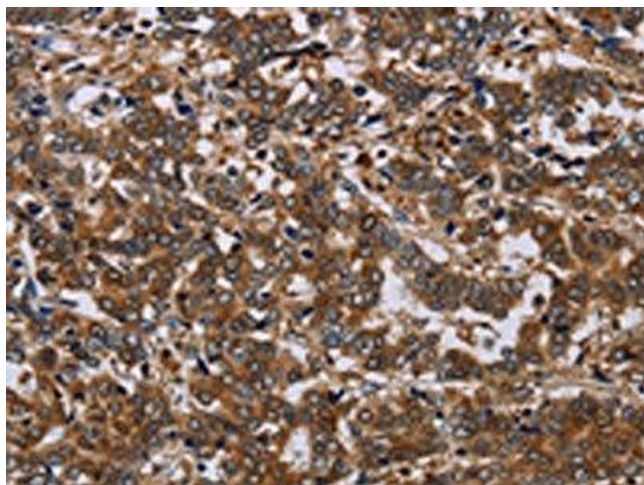
Storage: -20 °C, -80 °C

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



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ABIN7191586(NCKAP1 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)



Immunohistochemistry

Image 2. The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ABIN7191586(NCKAP1 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)