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Datasheet for ABIN715738
anti-NCKAP1 antibody (AA 1001-1132) (Biotin)

Overview

Quantity:	100 µL
Target:	NCKAP1
Binding Specificity:	AA 1001-1132
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCKAP1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NCKAP1L
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse,Chicken,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	NCKAP1
Alternative Name:	NCKAP1 (NCKAP1 Products)
Background:	Synonyms: NCK associated protein 1, NCK associated protein 1, Membrane associated protein

Target Details

HEM2, Membrane-associated protein HEM-2, NAP 1, NAP1, NAP125, NCK associated protein, Nck-associated protein 1, Nckap1, NCKP1_HUMAN, p125Nap1.

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-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.

Gene ID: 10787

UniProt: [P55160](#)

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

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Handling

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months