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Datasheet for ABIN907759

## anti-NCKAP1 antibody (AA 1001-1132) (Alexa Fluor 488)

### Overview

Quantity:	100 µL
Target:	NCKAP1
Binding Specificity:	AA 1001-1132
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCKAP1 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB)

### 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 ( <a href="#">NCKAP1 Products</a> )
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:	<a href="#">P55160</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Tube Formation</a> , <a href="#">Asymmetric Protein Localization</a> , <a href="#">Embryonic Body Morphogenesis</a>

## Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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

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Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months