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Datasheet for ABIN1714851
anti-NCKAP1L antibody (AA 1-100)

Overview

Quantity:	100 µL
Target:	NCKAP1L
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCKAP1L antibody is un-conjugated
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NCKAP1L/HEM1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	NCKAP1L
Alternative Name:	NCKAP1L/HEM1 (NCKAP1L Products)

Target Details

Background: Synonyms: 4930568P13Rik, AI463083, HEM1, Hematopoietic protein 1, HEMATOPOIETIC PROTEIN HEM-1, Hemp1, Membrane associated protein hem1, Membrane-associated protein HEM-1, NCK associated protein 1 like, Nck-associated protein 1-like, NCKAP1L, NCKPL_HUMAN.

Background: HEM1 is a 1,127 amino acid single-pass membrane protein that localizes to the cytoplasmic side of the cell membrane. One of several members of the highly conserved HEM family of tissue-specific transmembrane proteins, HEM1 is expressed in cells of hematopoietic origin where it is thought to play an important role in oogenesis. The gene encoding HEM1 maps to human chromosome 12, which encodes over 1,100 genes and comprises approximately 4.5 % of the human genome. Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis, Kniest dysplasia, Noonan syndrome and Trisomy 12p, which causes facial developmental defects and seizure disorders.

Gene ID: 3071

Pathways: [Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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.

Handling

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months