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Datasheet for ABIN5007318

anti-NCKAP1L antibody (AA 1-100) (Alexa Fluor 680)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | NCKAP1L |
| Binding Specificity: | AA 1-100 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NCKAP1L antibody is conjugated to Alexa Fluor 680 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

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) |
| Background: | Synonyms: 4930568P13Rik, AI463083, HEM1, Hematopoietic protein 1, HEMATOPOIETIC |

Target Details

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: 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

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

Handling

Expiry Date: 12 months