Datasheet for ABIN1700366

anti-NCKAP5 antibody (AA 1-100) (Biotin)

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Overview

Quantity:	100 µL
Target:	NCKAP5
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCKAP5 antibody is conjugated to Biotin
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NCKAP5
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NCKAP5
Alternative Name:	NCKAP5 (NCKAP5 Products)
Background:	Synonyms: ERIH1, ERIH2, NAP-5, NAP5, Nck-associated protein 5, NCKAP5, NCKP5_HUMAN,

Target Details

	Peripheral clock protein. Background: NAP5 (Nck-associated protein 5), also known as peripheral clock protein, NCKAP5 or ERIH, is a 1,909 amino acid nuclear protein that is expressed in fetal and adult brain, leukocytes and fetal fibroblasts. Containing pro-rich sequences, NAP5 interacts with the adapter protein Nck via the SH3-containing region. Existing as four alternatively spliced isoforms, the gene encoding NAP5 maps to human chromosome 2q21.2 and mouse chromosome 1 E3. Human chromosome 2, the second largest human chromosome, consists of 237 million bases, encodes over 1,400 genes and makes up approximately 8 % of the human genome. Harlequin icthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene present on chromosome 2. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alstr syndrome, is due to mutations in the ALMS1 gene.

Application Details

Application Notes:	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
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months