Datasheet for ABIN1700782

anti-KNDC1 antibody (AA 1601-1749) (Biotin)

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Overview

Quantity:	100 µL
Target:	KNDC1
Binding Specificity:	AA 1601-1749
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KNDC1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human KNDC1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	KNDC1
Alternative Name:	KNDC1 (KNDC1 Products)
Background:	Synonyms: Cerebral protein 9, FLJ25027, hucep-9, KIAA1768, Kinase non-catalytic C-lobe

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Target Details

	domain-containing protein 1, KIND domain-containing protein 1, KNDC1, Protein very KIND, Ras-GEF domain-containing family member 2, RASGEF2, VKIND, VKIND_HUMAN, bB439H18.3, C10orf23. Background: KNDC1 is a 1,749 amino acid protein that contains two KIND domains and an N-terminal Ras-GEF domain. Expressed in the cerebral cortex, KNDC1 is a likely guanine nucleotide exchange factor (GEF). Existing as six alternatively spliced isoforms, the gene encoding KNDC1 maps to human chromosome 10q26.3 and mouse chromosome 7 F4. Spanning nearly 135 million base pairs, chromosome 10 makes up approximately 4.5 % of total DNA in cells and encodes nearly 1,200 genes. Several protein-coding genes, including those that encode for chemokines, cadherins, excision repair proteins, early growth response factors (Egrs) and fibroblast growth receptors (FGFRs), are located on chromosome 10. Defects in some of the genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromatic deafness, Wolman?s syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.
Gene ID:	85442

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

Handling

Expiry Date:	12 months

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