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Rabbit Anti-KNDC1 antibody

SL10056R

Product Name:	KNDC1
Chinese Name:	脑蛋白9抗体
Alias:	Cerebral protein 9; FLJ25027; hucep-9; KIAA1768; Kinase non-catalytic C-lobe 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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	192kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human KNDC1:1601-1749/1749
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. **Function:** Probable guanine nucleotide exchange factor (GEF). **Tissue Specificity:** Expressed specifically in the cerebral cortex. **Similarity:** Contains 2 KIND domains. Contains 1 N-terminal Ras-GEF domain. Contains 1 Ras-GEF domain. **SWISS:** Q76NI1 **Gene ID:** 85442 **Database links:** Entrez Gene: 85442Human SwissProt: Q76NI1Human Unigene: 530685Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.