

KNDC1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP10594b**Specification**

KNDC1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q76NI1](#)
Other Accession [NP_689856.6](#)

KNDC1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 85442

Other Names

Protein very KIND, Cerebral protein 9, KIND domain-containing protein 1, Kinase non-catalytic C-lobe domain-containing protein 1, Ras-GEF domain-containing family member 2, KNDC1, C10orf23, KIAA1768, RASGEF2, VKIND

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

KNDC1 Antibody (C-term) Blocking Peptide - Protein Information

Name KNDC1 ([HGNC:29374](#))

Function

RAS-Guanine nucleotide exchange factor (GEF) that controls the negative regulation of neuronal dendrite growth by mediating a signaling pathway linking RAS and MAP2 (By similarity). May be involved in cellular senescence (PubMed:24788352).

Cellular Location

Cell projection, dendrite {ECO:0000250|UniProtKB:Q0KK55}. Perikaryon {ECO:0000250|UniProtKB:Q0KK55}

Tissue Location

Expressed specifically in the cerebral cortex. {ECO:0000269|Ref.3}

KNDC1 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

KNDC1 Antibody (C-term) Blocking Peptide - Images

KNDC1 Antibody (C-term) Blocking Peptide - Background

Probable guanine nucleotide exchange factor (GEF).

KNDC1 Antibody (C-term) Blocking Peptide - References

Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006)