

NCKAP1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5916c**Specification**

NCKAP1 Antibody (Center) Blocking peptide - Product Information

Primary Accession [O9Y2A7](#)
Other Accession [NP_038464.1](#), [NP_995314.1](#)

NCKAP1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 10787

Other Names

Nck-associated protein 1, NAP 1, Membrane-associated protein HEM-2, p125Nap1, NCKAP1, HEM2, KIAA0587, NAP1

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.

NCKAP1 Antibody (Center) Blocking peptide - Protein Information

Name NCKAP1

Synonyms HEM2, KIAA0587, NAP1

Function

Part of the WAVE complex that regulates lamellipodia formation. The WAVE complex regulates actin filament reorganization via its interaction with the Arp2/3 complex. Actin remodeling activity is regulated by RAC1. As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P28660}; Single-pass membrane protein {ECO:0000250|UniProtKB:P28660}; Cytoplasmic side {ECO:0000250|UniProtKB:P28660}. Cell projection, lamellipodium membrane {ECO:0000250|UniProtKB:P28660}; Single-pass membrane protein {ECO:0000250|UniProtKB:P28660}; Cytoplasmic side {ECO:0000250|UniProtKB:P28660}. Note=At the interface between the lamellipodial actin meshwork and the membrane {ECO:0000250|UniProtKB:P28660}

Tissue Location

Expressed in all tissues examined except peripheral blood leukocytes, with highest expression in brain, heart, and skeletal muscle. Expressed in cells of various brain regions including Purkinje cells and dentate nucleus of the cerebellum, CA4 region and dentate gyrus of the hippocampus, and in frontal gray and white matter (PubMed:28940097).

NCKAP1 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

NCKAP1 Antibody (Center) Blocking peptide - Images