

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

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**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**