

FARP1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP18009a**Specification**

FARP1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9Y4F1](#)**FARP1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 10160**Other Names**

FERM, RhoGEF and pleckstrin domain-containing protein 1, Chondrocyte-derived ezrin-like protein, Pleckstrin homology domain-containing family C member 2, PH domain-containing family C member 2, FARP1, CDEP, PLEKHC2

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.

FARP1 Antibody (N-term) Blocking Peptide - Protein Information**Name** FARP1**Synonyms** CDEP, PLEKHC2**Function**

Functions as a guanine nucleotide exchange factor for RAC1. May play a role in semaphorin signaling. Plays a role in the assembly and disassembly of dendritic filopodia, the formation of dendritic spines, regulation of dendrite length and ultimately the formation of synapses (By similarity).

Cellular Location

Cell membrane; Peripheral membrane protein; Cytoplasmic side. Synapse. Synapse, synaptosome Cytoplasm, cytosol. Cell projection, filopodium. Cell projection, dendrite. Cell projection, dendritic spine. Note=Recruited to the cell membrane via interaction with CADM1.

Tissue Location

Detected in cAMP-treated chondrocytes, but not in untreated chondrocytes. Detected in fetal brain, heart and spleen, and in adult testis, kidney and lung.

FARP1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

FARP1 Antibody (N-term) Blocking Peptide - Images

FARP1 Antibody (N-term) Blocking Peptide - Background

This gene was originally isolated through subtractive hybridization due to its increased expression in differentiated chondrocytes versus dedifferentiated chondrocytes. The resulting protein contains a predicted ezrin-like domain, a Dbl homology domain, and a pleckstrin homology domain. It is believed to be a member of the band 4.1 superfamily whose members link the cytoskeleton to the cell membrane. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

FARP1 Antibody (N-term) Blocking Peptide - References

Stein, J.L., et al. Neuroimage 53(3):1160-1174(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Evangelou, E., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (1), 220-228 (2010) :Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Olsen, J.V., et al. Cell 127(3):635-648(2006)