

FARP1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18009a**Specification**

FARP1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9Y4F1
Other Accession	F1P065 , NP_005757.1
Reactivity	Human
Predicted	Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	62-90

FARP1 Antibody (N-term) - 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

Target/Specificity

This FARP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-90 amino acids from the N-terminal region of human FARP1.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FARP1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FARP1 Antibody (N-term) - 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.

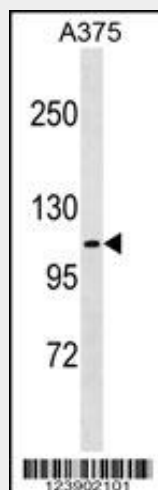
Tissue Location

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) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FARP1 Antibody (N-term) - Images

FARP1 Antibody (N-term) (Cat. #AP18009a) western blot analysis in A375 cell line lysates (35ug/lane). This demonstrates the FARP1 antibody detected the FARP1 protein (arrow).

FARP1 Antibody (N-term) - 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) - 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)