

CDEP / FARP1 Antibody (N-Term)
Peptide-affinity purified goat antibody
Catalog # AF2373a**Specification**

CDEP / FARP1 Antibody (N-Term) - Product Information

Application	E
Primary Accession	O9Y4F1
Other Accession	NP_005757.1 , NP_001001715.2 , 10160
Predicted	Human, Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	118633

CDEP / 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

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

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

CDEP / 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.

CDEP / 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](#)

CDEP / FARP1 Antibody (N-Term) - Images**CDEP / FARP1 Antibody (N-Term) - Background**

This antibody is expected to recognise isoform 1 (NP_005757.1) and isoform 2 (NP_001001715.2).

CDEP / FARP1 Antibody (N-Term) - References

Molecular cloning and characterization of CDEP, a novel human protein containing the ezrin-like domain of the band 4.1 superfamily and the Dbl homology domain of Rho guanine nucleotide exchange factors. Koyano Y, Kawamoto T, Shen M, Yan W, Noshiro M, Fujii K, Kato Y. Biochem Biophys Res Commun. 1997 Dec 18;241(2):369-75. PMID: 9425278