

FRMPD4 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS13541

Specification

FRMPD4 Antibody (Internal) - Product Information

| | |
|-------------------|------------------------|
| Application | IF, WB |
| Primary Accession | Q14CM0 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 144kDa KDa |

FRMPD4 Antibody (Internal) - Additional Information

Gene ID 9758

Other Names

FERM and PDZ domain-containing protein 4, PDZ domain-containing protein 10, PSD-95-interacting regulator of spine morphogenesis, Preso, FRMPD4, KIAA0316, PDZD10, PDZK10

Target/Specificity

Human FRMPD4

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

FRMPD4 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

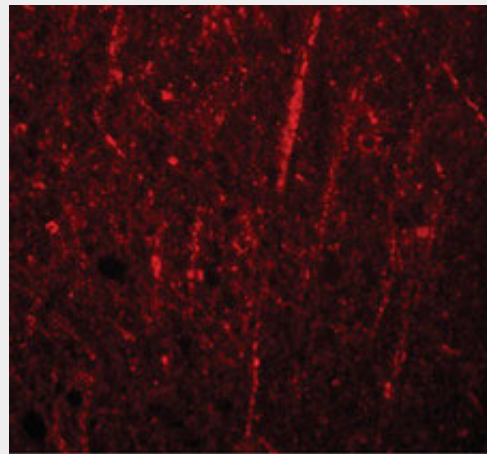
FRMPD4 Antibody (Internal) - Protein Information

Name FRMPD4

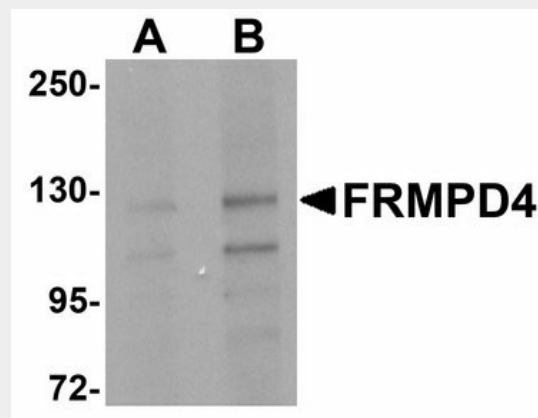
Synonyms KIAA0316, PDZD10, PDZK10

Function

Positive regulator of dendritic spine morphogenesis and density. Required for the maintenance of excitatory synaptic transmission. Binds phosphatidylinositol



Immunofluorescence of FRMPD4 in human brain tissue with FRMPD4 antibody at 20 ug/ml.



Western blot of FRMPD4 in SK-N-SH cell lysate with FRMPD4 antibody at (A) 1 and (B) 2 ug/ml.

FRMPD4 Antibody (Internal) - Background

Positive regulator of dendritic spine morphogenesis and density. Required for the maintenance of excitatory synaptic transmission. Binds phosphatidylinositol 4,5-bisphosphate.

FRMPD4 Antibody (Internal) - References

4,5-bisphosphate.

Cellular Location

Cell projection, dendritic spine

Nagase T.,et al.DNA Res. 4:141-150(1997).

Ohara O.,et al.Submitted (JAN-2003) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Lee H.W.,et al.J. Neurosci.

28:14546-14556(2008).

Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009).

FRMPD4 Antibody (Internal) - 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](#)