

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 4,5-bisphosphate.

Cellular Location

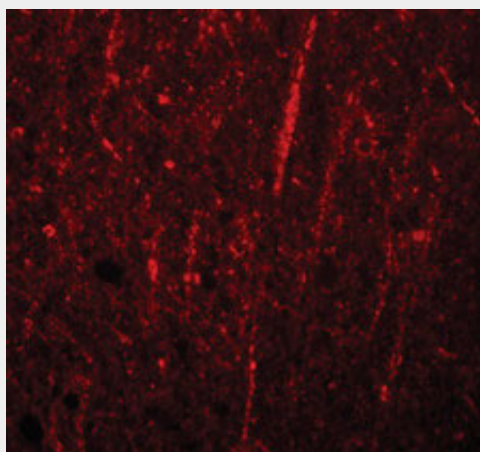
Cell projection, dendritic spine

FRMPD4 Antibody (Internal) - Protocols

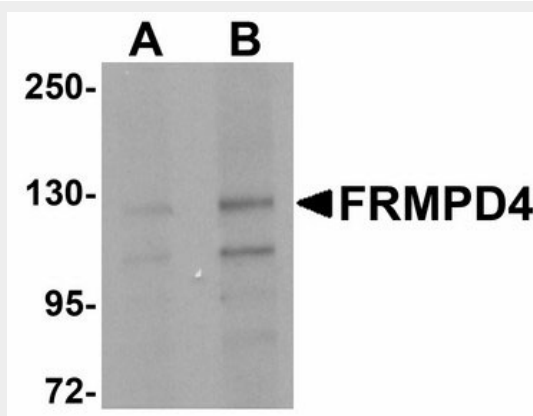
Provided below are standard protocols that you may find useful for product applications.

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

FRMPD4 Antibody (Internal) - Images



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

- 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).