

FRMD7 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13371A**Specification**

FRMD7 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q6ZUT3
Other Accession	NP_919253.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	81614
Antigen Region	115-144

FRMD7 Antibody (N-term) - Additional Information**Gene ID** 90167**Other Names**

FERM domain-containing protein 7, FRMD7

Target/Specificity

This FRMD7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 115-144 amino acids from the N-terminal region of human FRMD7.

Dilution

WB~~1:1000

IHC-P~~1:10~50

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

FRMD7 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FRMD7 Antibody (N-term) - Protein Information**Name** FRMD7**Function** Plays a role in neurite development, may be through the activation of the GTPase RAC1.

Plays a role in the control of eye movement and gaze stability.

Cellular Location

Cell projection, neuron projection {ECO:0000250|UniProtKB:A2AD83}. Cell projection, growth cone {ECO:0000250|UniProtKB:A2AD83}. Note=In undifferentiated neurons, located in the actin-rich regions of the cell body. In differentiated neurons, located in the actin-rich regions of the cell body and primary neurite processes but is almost absent from secondary extensions arising from the primary neurite. Also found at the actin-rich distal end of growth cones (By similarity). {ECO:0000250|UniProtKB:A2AD83}

Tissue Location

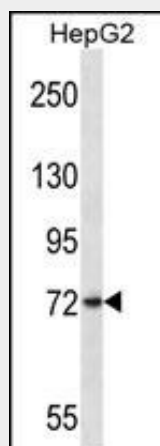
Expressed in liver, kidney, pancreas and at low levels in brain and heart. Expressed in embryonic brain and developing neural retina.

FRMD7 Antibody (N-term) - Protocols

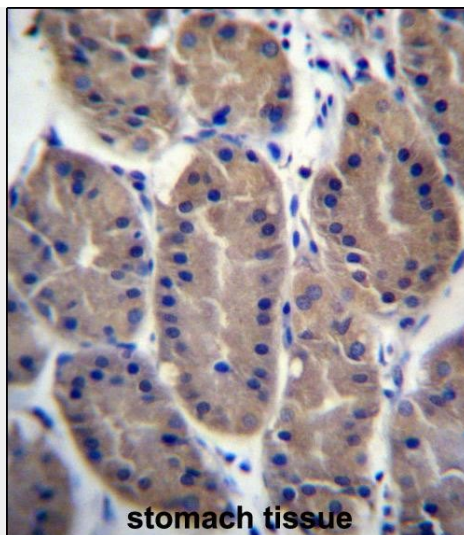
Provided below are standard protocols that you may find useful for product applications.

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

FRMD7 Antibody (N-term) - Images



FRMD7 Antibody (N-term) (Cat. #AP13371a) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the FRMD7 antibody detected the FRMD7 protein (arrow).



FRMD7 Antibody (N-term) (Cat. #AP13371a) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of FRMD7 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

FRMD7 Antibody (N-term) - Background

Mutations in this gene are associated with X-linked congenital nystagmus.

FRMD7 Antibody (N-term) - References

Fingert, J.H., et al. Ophthalmic Genet. 31(2):77-80(2010)
Betts-Henderson, J., et al. Hum. Mol. Genet. 19(2):342-351(2010)
He, X., et al. Genet. Test. 12(4):607-613(2008)
Thomas, S., et al. Brain 131 (PT 5), 1259-1267 (2008) :
Li, N., et al. Mol. Vis. 14, 733-738 (2008) :