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FRMD3 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18521c

Specification

FRMD3 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	A2A2Y4
Other Accession	NP_777598.3
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**68772**
Antigen Region	**250-279**

FRMD3 Antibody (Center) - Additional Information

Gene ID 257019

Other Names
FERM domain-containing protein 3, Band 41-like protein 4O, Ovary type protein 41, 41O, FRMD3, EPB41L4O

Target/Specificity
This FRMD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 250-279 amino acids from the Central region of human FRMD3.

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
FRMD3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

FRMD3 Antibody (Center) - Protein Information

Name FRMD3

Synonyms EPB41L4O

Function Putative tumor suppressor gene that may be implicated in the origin and progression of lung cancer.

Cellular Location
Membrane; Single-pass membrane protein

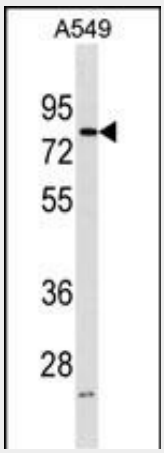
Tissue Location
Ovary-specific..

FRMD3 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FRMD3 Antibody (Center) - Images



FRMD3 Antibody (Center) (Cat. #AP18521c) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the FRMD3 antibody detected the FRMD3 protein (arrow).

FRMD3 Antibody (Center) - Background

Protein 4.1 of red blood cells, or 4.1R (EPB41; MIM 130500), is a multifunctional protein essential for maintaining erythrocyte shape and membrane mechanical properties. The protein 4.1 family comprises a group of structural proteins that includes, in addition to 4.1R, 4.1G (general type; MIM 603237), 4.1B (brain type; MIM 605331), 4.1N (neuron type; MIM 602879), and 4.1O (ovary type).

FRMD3 Antibody (Center) - References

Maeda, S., et al. Diabetes (2010) In press :

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Pezzolesi, M.G., et al. Diabetes 58(6):1403-1410(2009)
Haase, D., et al. Oncogene 26(30):4464-4468(2007)
Ni, X., et al. J. Hum. Genet. 48(2):101-106(2003)