

FAM109A Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12167a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q8N4B1
Other Accession	NP_653272.2 , NP_001171468.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32032
Calculated MW	27215
Antigen Region	3-31

Additional Information

Gene ID	144717
Other Names	Sesquipedalian-1, Ses1, 27 kDa inositol polyphosphate phosphatase-interacting protein A, IPIP27A, FAM109A
Target/Specificity	This FAM109A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 3-31 amino acids from the N-terminal region of human FAM109A.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
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	FAM109A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PHETA1 (HGNC:26509)
Function	Plays a role in endocytic trafficking. Required for receptor recycling from endosomes, both to the trans-Golgi network and the plasma membrane.

Cellular Location

Early endosome. Recycling endosome. Golgi apparatus, trans-Golgi network. Cytoplasmic vesicle, clathrin-coated vesicle. Note=Interaction with OCRL may be crucial for targeting to endosome and to the trans- Golgi network. Also found on macropinosomes. Not detected in late endosomes, nor in lysosomes.

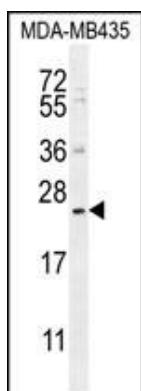
Background

This gene encodes a protein that localizes to the endosome and interacts with the enzyme, inositol polyphosphate 5-phosphatase OCRL-1. Alternate splicing results in multiple transcript variants.

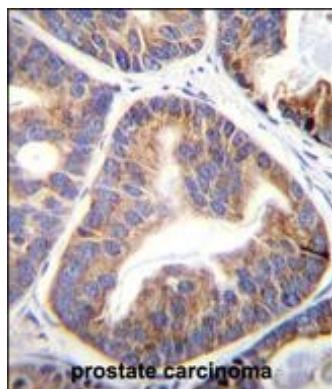
References

Swan, L.E., et al. Proc. Natl. Acad. Sci. U.S.A. 107(8):3511-3516(2010)

Images



FAM109A Antibody (N-term) (Cat. #AP12167a) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the FAM109A antibody detected the FAM109A protein (arrow).



FAM109A Antibody (N-term) (Cat. #AP12167a) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of FAM109A Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.