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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
Predicted	Mouse, Rat, Bovine, Canine, Chicken
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.

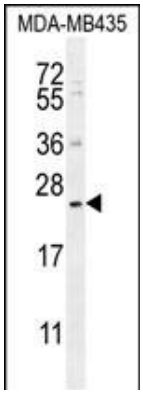
Background

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.

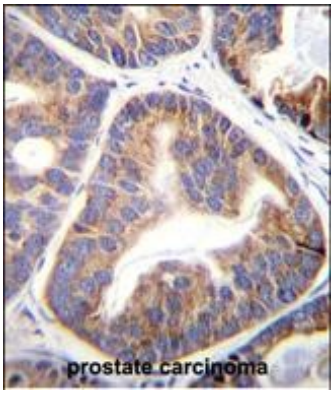
References

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'.