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FAM40A Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9717c

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q5VSL9
Other Accession	Q8C079, Q9GLZ5, Q0P5J8
Reactivity	Human, Mouse
Predicted	Monkey, Bovine, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24156
Calculated MW	95576
Antigen Region	352-381

Additional Information

Gene ID	85369
Other Names	Striatin-interacting protein 1, Protein FAM40A, STRIP1, FAM40A, KIAA1761
Target/Specificity	This FAM40A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 352-381 amino acids from the Central region of human FAM40A.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 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	FAM40A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

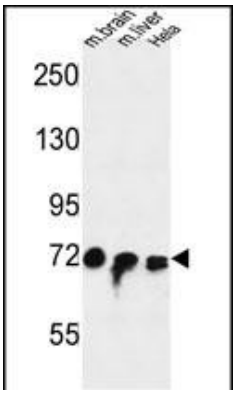
Name	STRIP1 (HGNC:25916)
Synonyms	FAM40A, KIAA1761

Function	Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the cortical actin filament dynamics and cell shape. Part of the striatin-interacting phosphatase and kinase (STRIPAK) complexes. STRIPAK complexes have critical roles in protein (de)phosphorylation and are regulators of multiple signaling pathways including Hippo, MAPK, nuclear receptor and cytoskeleton remodeling. Different types of STRIPAK complexes are involved in a variety of biological processes such as cell growth, differentiation, apoptosis, metabolism and immune regulation.
Cellular Location	Cytoplasm. Note=Enriched on the plasma membrane

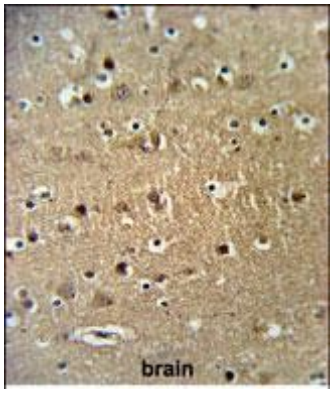
References

Goudreault, M., et al. Mol. Cell Proteomics 8(1):157-171(2009)
Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)

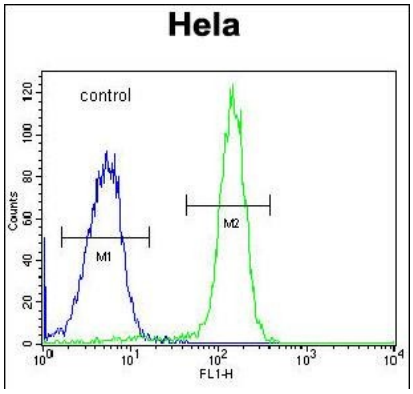
Images



FAM40A Antibody (Center) (Cat. #AP9717c) western blot analysis in mouse brain,liver tissue and Hela cell line lysates (35ug/lane).This demonstrates the FAM40A antibody detected the FAM40A protein (arrow).



FAM40A Antibody (Center) (Cat. #AP9717c) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FAM40A Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



FAM40A Antibody (Center) (Cat. #AP9717c) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Citations

- Striatin-1 is a B subunit of protein phosphatase PP2A that regulates dendritic arborization and spine development in striatal neurons.

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