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FAM40A Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9717c

Specification

FAM40A Antibody (Center) - Product Information

Application	**FC, IHC-P, WB,E**
Primary Accession	Q5VSL9
Other Accession	Q8C079, Q9GLZ5, Q0P5J8
Reactivity	**Human, Mouse**
Predicted	**Bovine, Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**352-381**

FAM40A Antibody (Center) - 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
FC~~1:10~50
IHC-P~~1:10~50
WB~~1:1000
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.

FAM40A Antibody (Center) - Protein Information

Name STRIP1 (HGNC:25916)

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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.

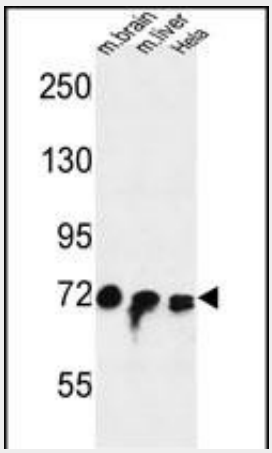
Cellular Location
Cytoplasm. Note=Enriched on the plasma membrane

FAM40A 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

FAM40A Antibody (Center) - 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).

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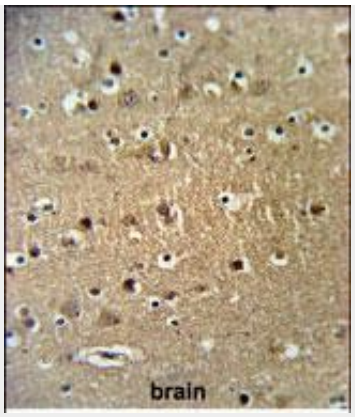
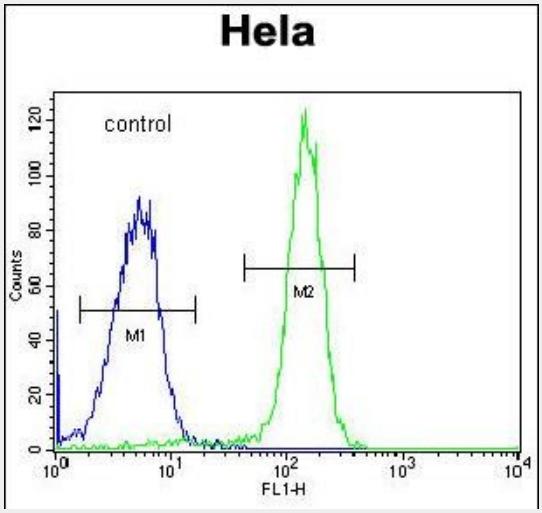


FAM40A Antibody (Center) (Cat. #AP9717c) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FAM40A Antibody (Center) for immunohistochemistry. Clinical relevance has not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

FAM40A Antibody (Center) - 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)

FAM40A Antibody (Center) - Citations

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