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FA40B Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5134a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9ULQ0
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24816
Calculated MW	95360
Antigen Region	14-41

Additional Information

Gene ID	57464
Other Names	Striatin-interacting protein 2, Protein FAM40B, STRIP2, FAM40B, KIAA1170
Target/Specificity	This FA40B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 14-41 amino acids from the N-terminal region of human FA40B.
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	FA40B Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	STRIP2 (HGNC:22209)
Synonyms	FAM40B, KIAA1170
Function	Calmodulin-binding scaffolding protein which is the center 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 (PubMed:18782753). Required in the regulation of cell morphology and cytoskeletal organization (PubMed:21834987).

Cellular Location Cytoplasm. Note=Enriched in lamellipodia.

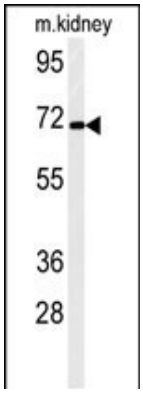
Background

The function of this protein has not been specifically defined.

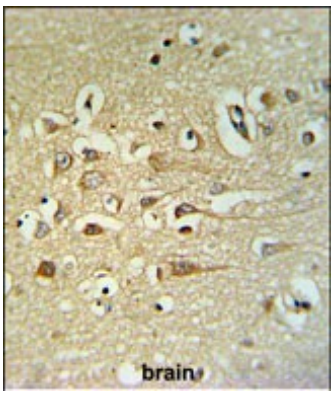
References

Kemp, H.A., et al. Mol. Cell. Biol. 23(5):1750-1763(2003)

Images



Western blot analysis of FA40B Antibody (N-term) (Cat. #AP5134a) in mouse kidney tissue lysates (35ug/lane).FA40B (arrow) was detected using the purified Pab.



FA40B Antibody (N-term) (Cat. #AP5134a) IHC analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FA40B 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'.