

FAM49A Rabbit pAb

FAM49A Rabbit pAb Catalog # AP56056

Product Information

Application IHC-P, IHC-F, IF
Primary Accession Q9H0Q0
Reactivity Rat, Horse
Host Rabbit
Clonality Polyclonal
Calculated MW 37313
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived from human FAM49A

Epitope Specificity 251-323/323

Isotype IgG

Purity affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

SIMILARITY Belongs to the FAM49 family.

Important Note This product as supplied is intended for research use only, not for use in

human, therapeutic or diagnostic applications.

Background Descriptions FAM49A is a 323 amino acid protein that is encoded by a gene which maps to

human chromosome 2. The second largest human chromosome,

chromosome 2 encodes over 1,400 genes and comprises nearly 8% of the human genome, housing a number of disease-associated genes. Harlequin icthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene, while the lipid metabolic disorder sitosterolemia is associated with defects in the ABCG5 and ABCG8 genes. Additionally, an extremely rare recessive genetic disorder, Alstr鰉 syndrome, is caused by

mutations in the ALMS1 gene, which maps to chromosome 2.

Additional Information

Gene ID 81553

Other Names CYFIP-related Rac1 interactor A. Protein CYRIA. CYRIA

{ECO:0000303|PubMed:30250061, ECO:0000312|HGNC:HGNC:25373}

Dilution IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500

Storage Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

Protein Information

Name CYRIA {ECO:0000303|PubMed:30250061, ECO:0000312|HGNC:HGNC:25373}

Function May negatively regulate RAC1 signaling and RAC1-driven cytoskeletal

remodeling (Probable). May regulate chemotaxis, cell migration and epithelial polarization by controlling the polarity, plasticity, duration and extent of

protrusions (Probable).

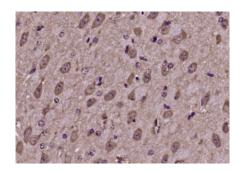
Cellular Location Membrane {ECO:0000250|UniProtKB:Q9NUQ9}; Lipid- anchor

{ECO:0000250 | UniProtKB:Q9NUQ9}

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FAM49A) Polyclonal Antibody, Unconjugated (AP56056) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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