

FAM171A1 Rabbit pAb

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Catalog # AP55703

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q5VUB5
Reactivity	Rat
Predicted	Dog, Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97854
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FAM171A1
Epitope Specificity	201-300/890
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Single-pass type I membrane protein (Potential)
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The exact function of FAM171A1, which is also known as C10orf38, remains unknown.

Additional Information

Gene ID	221061
Other Names	Protein FAM171A1, Astroprincin, APCN, FAM171A1 (HGNC:23522)
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	FAM171A1 (HGNC:23522)
Function	Involved in the regulation of the cytoskeletal dynamics, plays a role in actin stress fiber formation.
Cellular Location	Cell membrane; Single-pass type I membrane protein

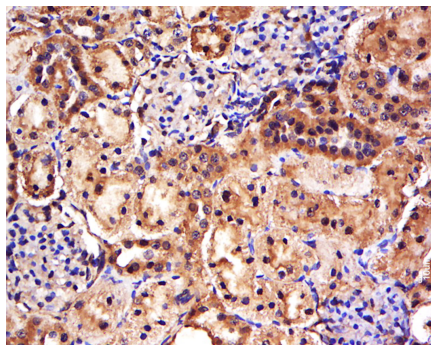
Tissue Location

Expressed in heart, brain, liver, skeletal muscle, kidney and pancreas (PubMed:30312582). In brain, expressed by glia, pyramidal neurons and astrocytes (at protein level) (PubMed:30312582) Highly expressed in placental trophoblasts (PubMed:30312582)

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Images



Tissue/cell: Rat kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-FAM171A1 Polyclonal Antibody, Unconjugated(AP55703) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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