

**FAM171A1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55703****Specification**

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**FAM171A1 Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC-P                  |
| Primary Accession | <a href="#">Q5VUB5</a> |
| Reactivity        | Rat, Dog, Bovine       |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 97854                  |

**FAM171A1 Polyclonal Antibody - Additional Information****Gene ID** 221061**Other Names**

Protein FAM171A1, Astroprincin, APCN, FAM171A1 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=23522" target="\_blank">HGNC:23522</a>)

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**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.

**FAM171A1 Polyclonal Antibody - 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**

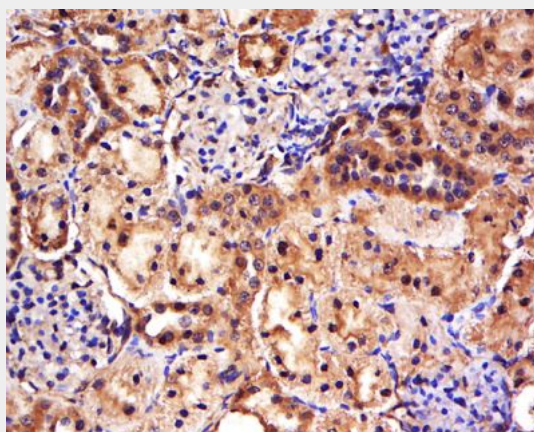
Expressed in heart, brain, liver, skeletal muscle, kidney and pancreas (PubMed:30312582). In brain, expressed by glia, pyramidal neurons and astrocytes (at protein level) (PubMed:30312582) Highly expressed in placental trophoblasts (PubMed:30312582)

**FAM171A1 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **FAM171A1 Polyclonal Antibody - 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(bs-14757R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining