

# FAM38A/PIEZO1 Rabbit pAb

Catalog No.: A4340 **1 Publications**

## Basic Information

### Observed MW

286kDa

### Calculated MW

287kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene is a mechanically-activated ion channel that links mechanical forces to biological signals. The encoded protein contains 36 transmembrane domains and functions as a homotetramer. Defects in this gene have been associated with dehydrated hereditary stomatocytosis.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

### Gene ID

9780

### Swiss Prot

Q92508

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 2230-2420 of human FAM38A/PIEZO1 (NP\_001136336.2).

### Synonyms

ER; DHS; Mib; LMPH3; FAM38A; LMPHM6; FAM38A/PIEZO1

## Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

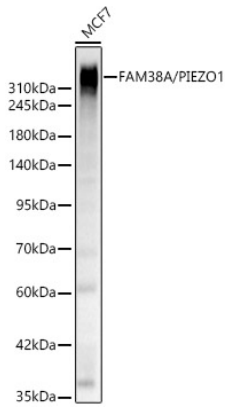
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of lysates from MCF7 cells, using FAM38A/PIEZO1 Rabbit pAb (A4340) at 1:1000 dilution.

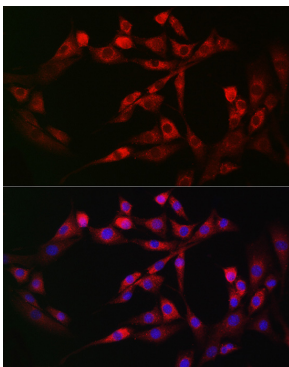
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

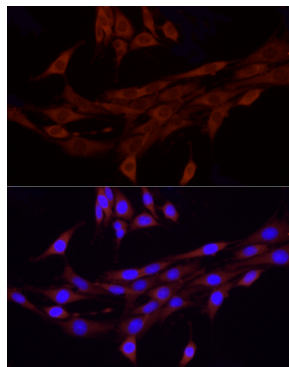
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

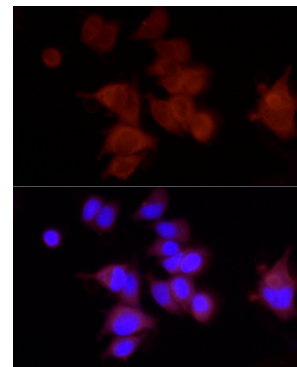
Exposure time: 45s.



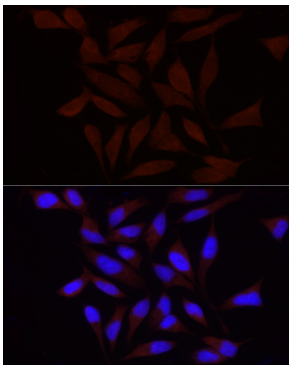
Immunofluorescence analysis of NIH-3T3 cells using FAM38A/PIEZO1 Rabbit pAb (A4340) at dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 using FAM38A/PIEZO1 Rabbit pAb (A4340) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of MCF-7 using FAM38A/PIEZO1 Rabbit pAb (A4340) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa using FAM38A/PIEZO1 Rabbit pAb (A4340) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.