

## PIEZ01 Antibody

**CAB4340**

### Description

---

This PIEZ01 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

---

<b>SKU:</b>	CAB4340
<b>Contents:</b>	20 $\mu$ L, 100 $\mu$ L Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Polyclonal Antibody
<b>Synonyms:</b>	ER, DHS, Mib, LMPH3, FAM38A, LMPHM6, FAM38A/PIEZ01
<b>Clone:</b>	-
<b>Applications:</b>	<b>WB</b> <b>IF/ICC</b> <b>ELISA</b>
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Human, Mouse, Rat

### Antibody Data

---

<b>Gene ID:</b>	9780
<b>Uniprot:</b>	AB_2765634
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	286kDa
<b>Calculated MW:</b>	287kDa

## Preparation & Storage

---

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** MCF7

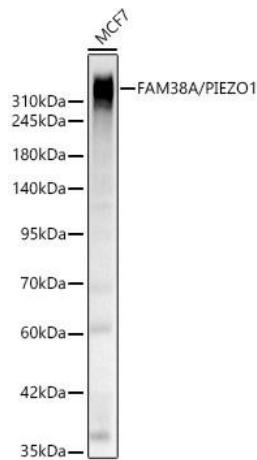
**Recommended Dilutions:**

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

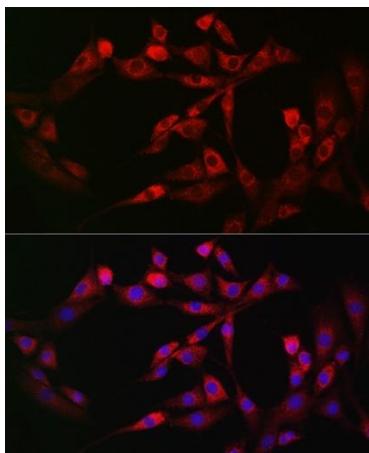
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

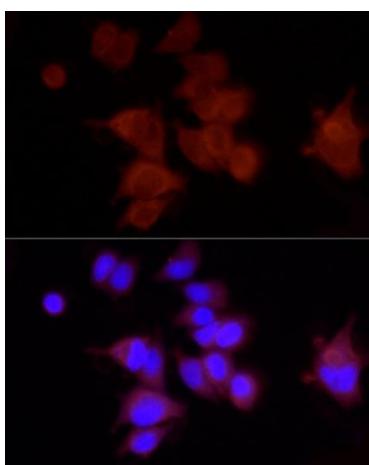
---



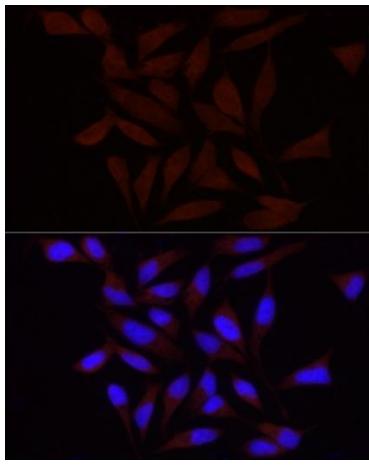
Western blot analysis of lysates from cells, using FAM38A/PIEZ01 Rabbit pAb (CAB4340) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 45s.



Immunofluorescence analysis of NIH-3T3 cells using FAM38A/PIEZO1 Rabbit pAb (CAB4340) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of MCF-7 using FAM38A/PIEZO1 Rabbit pAb (CAB4340) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa using FAM38A/PIEZO1 Rabbit pAb (CAB4340) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.