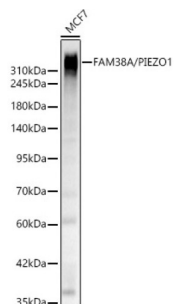
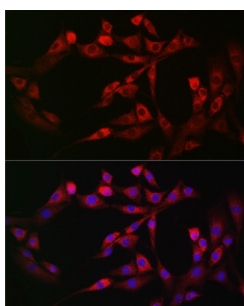


Piezo-Type Mechanosensitive Ion Channel Component 1 (PIEZO1) Antibody

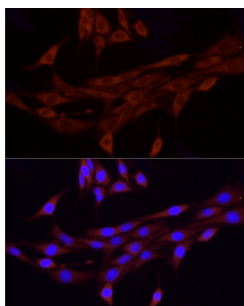
Catalogue No.: abx123073



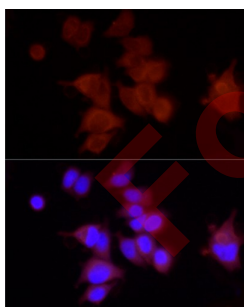
Western blot analysis of lysates from MCF7 cells, using FAM38A/PIEZO1 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 45s.



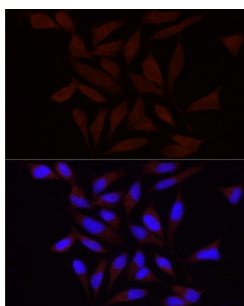
Immunofluorescence analysis of NIH-3T3 cells using FAM38A/PIEZO1 Antibody at dilution of 1/200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.



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



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



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

Datasheet

Version: 4.0.0
Revision date: 30 May 2025



PIEZO1 Antibody is a Rabbit Polyclonal Antibody against PIEZO1.

Target:	Piezo-Type Mechanosensitive Ion Channel Component 1 (PIEZO1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IF/ICC
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/1000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 2230-2420 of human FAM38A/PIEZO1.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q92508 (UniProt , ExPASy)
Gene Symbol:	PIEZO1
GeneID:	9780
NCBI Accession:	NP_001136336.2
KEGG:	hsa:9780
String:	9606.ENSP00000301015
Molecular Weight:	Calculated MW: 287 kDa Observed MW: 286 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	2.01 mg/ml

Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only