

Anti-PIEZO1 antibody (2230-2420) (STJ26627)

STJ26627

GENERAL INFORMATION

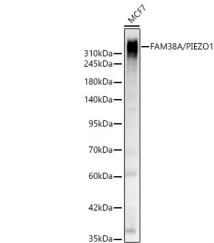
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

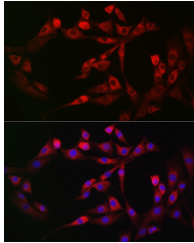
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IF/CC:1:50-1:200
	ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

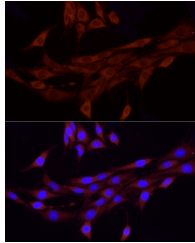
Gene ID	9780
Gene Symbol	PIEZO1
Uniprot ID	PIEZ1_HUMAN
Immunogen	
Immunogen Region	2230-2420
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 2230-2420 of human FAM38A/PIEZO1 (NP_001136336.2).
Immunogen Sequence	PSIIPFTAQAYEELSRQFDP QPLAMQFISQYSPEDIVTAQ IEGSSGALWRISPPSRAQMK RELYNGTADITLRFTWNFQR DLAKGGTVEYANEKHM LALA PNSTARRQLASLLEGTSDQS VVIPNLFPKYIRAPNGPEAN PVKQLQPNEEADYLGVRQL RREQGAGATGFLEWWVIELQ ECRDTCNLLPM



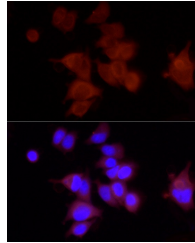
Western blot analysis of MCF7, using FAM38A/PIEZO1 rabbit polyclonal antibody (STJ26627) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS00858) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 45s.



Immunofluorescence analysis of NIH-3T3 cells using FAM38A/PIEZO1 rabbit polyclonal antibody (STJ26627) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 using FAM38A/PIEZO1 rabbit polyclonal antibody (STJ26627) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of MCF-7 using FAM38A/PIEZO1 rabbit polyclonal antibody (STJ26627) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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