

Datasheet for ABIN6992193
anti-PIEZO2 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	PIEZO2 (FAM38B)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIEZO2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	PIEZO2 antibody was raised against a peptide corresponding to 19 amino acids near the amino terminus of human PIEZO2.
Isotype:	IgG
Specificity:	PIEZO2 Antibody is predicted to not cross-react with PIEZO1.
Purification:	PIEZO2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PIEZO2 (FAM38B)
Alternative Name:	PIEZO2 (FAM38B Products)
Background:	PIEZO2 is a mechanically-activated ion channel that links mechanical forces to biological

Target Details

signals. The encoded protein contains thirty transmembrane domains and likely functions as part of mechanically-activated (MA) cation channels. These channels serve to connect mechanical forces to biological signals. The encoded protein quickly adapts MA currents in somatosensory neurons. Defects in this gene are a cause of type 5 distal arthrogryposis.

Molecular Weight: Predicted: 233, 305 kDa
Observed: 235 kDa

Gene ID: 63895

NCBI Accession: [NP_071351](#)

UniProt: [Q92508](#)

Application Details

Application Notes: PIEZO2 antibody can be used for Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PIEZO2 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: PIEZO2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.