

Product datasheet for **TA355027**

FAM38B (PIEZO2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	PIEZO2 antibody can be used for Western blot at 1 - 2 µg/mL. Antibody validated: Western Blot in human and mouse samples. All other applications and species not yet tested.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	PIEZO2 antibody was raised against a peptide corresponding to 14 amino acids near the amino terminus of human PIEZO2.
Specificity:	PIEZO2 Antibody is predicted to not cross-react with PIEZO1.
Formulation:	PIEZO2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	PIEZO2 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 233, 305 kDa; Observed: 235 kDa
Gene Name:	piezo type mechanosensitive ion channel component 2
Database Link:	NP_071351 Entrez Gene 63895 Human Q92508
Background:	PIEZO2 is a mechanically-activated ion channel that links mechanical forces to biological 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.


[View online »](#)

Synonyms: 5930434P17; 9030411M15Rik; 9430028L06Rik; Fam38b; Fam38b2

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