

Product datasheet for **AP51574PU-N**

FAM38B (PIEZO2) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	conjugated synthetic peptide between 366-396 amino acids of human FAM38B
Specificity:	This antibody recognizes Human FAM38B (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	piezo type mechanosensitive ion channel component 2
Database Link:	Entrez Gene 63895 Human Q9H5I5
Background:	Piezos are large transmembrane proteins conserved among various species, all having between 24 and 36 predicted transmembrane domains. 'Piezo' comes from the Greek 'piesi,' meaning 'pressure.' The PIEZO2 protein has a role in rapidly adapting mechanically activated (MA) currents in somatosensory neurons (Coste et al., 2010 [PubMed 20813920]).
Synonyms:	5930434P17; 9030411M15Rik; 9430028L06Rik; Fam38b; Fam38b2

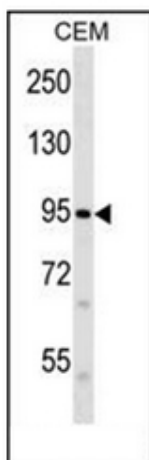


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Note: **Molecular Weight:** 318064 Da (80kd Isoform 3).

Protein Families: Transmembrane

Product images:



Western blot analysis of FAM38B Antibody (C-term) in CEM cell line lysates (35ug/lane). This demonstrates the FAM38B antibody detected the FAM38B protein (arrow).