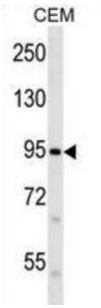
Piezo-Type Mechanosensitive Ion Channel Component 2 (PIEZO2) Antibody

Catalogue No.:abx028732



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]).

Target:	Piezo-Type Mechanosensitive Ion Channel Component 2 (PIEZO2)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 2575-2604 amino acids from the N-terminal region of human FAM38B.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9H5I5 (UniProt, ExPASy)

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Gene Symbol:	PIEZO2
GeneID:	63895
KEGG:	hsa:63895
String:	9606.ENSP00000421377
Molecular Weight:	Calculated MW: 318 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Mouse PIEZO2.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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