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FAM38B Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP16313b

Specification

FAM38B Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q9H5I5

FAM38B Antibody (N-term) Blocking peptide - Additional Information

Gene ID 63895

Other Names
Piezo-type mechanosensitive ion channel component 2, Protein FAM38B, PIEZO2, C18orf30, C18orf58, FAM38B

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FAM38B Antibody (N-term) Blocking peptide - Protein Information

Name PIEZO2

Synonyms C18orf30, C18orf58, FAM38B

Function
Component of a mechanosensitive channel required for rapidly adapting mechanically activated (MA) currents. Required for Merkel-cell mechanotransduction. Plays a major role in light-touch mechanosensation.

Cellular Location
Membrane; Multi-pass membrane protein

FAM38B Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

FAM38B Antibody (N-term) Blocking peptide - Images

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FAM38B Antibody (N-term) Blocking peptide - Background

Piezos are large transmembrane proteins conserved amongvarious species, all having between 24 and 36 predictedtransmembrane domains. 'Piezo' comes from the Greek 'piesi,'meaning 'pressure.' The PIEZO2 protein has a role in rapidlyadapting mechanically activated (MA) currents in somatosensoryneurons (Coste et al., 2010 [PubMed 20813920]).

FAM38B Antibody (N-term) Blocking peptide - References

Coste, B., et al. Science 330(6000):55-60(2010)Brandenberger, R., et al. Nat. Biotechnol. 22(6):707-716(2004)