10320 Camino Santa Fe, Suite G
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TMC8 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP14243a

Specification

TMC8 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q8IU68

TMC8 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 147138

Other Names
Transmembrane channel-like protein 8, Epidermodysplasia verruciformis protein 2, TMC8, EVER2, EVIN2

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.

TMC8 Antibody (N-term) Blocking Peptide - Protein Information

Name TMC8

Synonyms EVER2, EVIN2

Function
Probable ion channel.

Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location
Expressed in placenta, prostate and testis.

TMC8 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

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TMC8 Antibody (N-term) Blocking Peptide - Images

TMC8 Antibody (N-term) Blocking Peptide - Background

Epidermodysplasia verruciformis (EV) is an autosomalrecessive dermatosis characterized by abnormal susceptibility tohuman papillomaviruses (HPVs) and a high rate of progression tosquamous cell carcinoma on sun-exposed skin. EV is caused bymutations in either of two adjacent genes located on chromosome17q25.3. Both of these genes encode integral membrane proteins thatlocalize to the endoplasmic reticulum and are predicted to formtransmembrane channels. This gene encodes a transmembranechannel-like protein with 8 predicted transmembrane domains and 3leucine zipper motifs.

TMC8 Antibody (N-term) Blocking Peptide - References

McDermott, D.F., et al. Pediatr Dermatol 26(3):306-310(2009)Patel, A.S., et al. Int. J. Cancer 122(10):2377-2379(2008)Zavattaro, E., et al. J. Invest. Dermatol. 128(3):732-735(2008)Lazarczyk, M., et al. J. Exp. Med. 205(1):35-42(2008)Rady, P.L., et al. Br. J. Dermatol. 157(4):831-833(2007)