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TMC8 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP14243A

Specification

TMC8 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q8IU68
Other Accession	NP_689681.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**81641**
Antigen Region	**50-79**

TMC8 Antibody (N-term) - Additional Information

Gene ID 147138

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

Target/Specificity
This TMC8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 50-79 amino acids from the N-terminal region of human TMC8.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TMC8 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TMC8 Antibody (N-term) - Protein Information

Name TMC8

Synonyms EVER2, EVIN2

Function Probable ion channel.

Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein

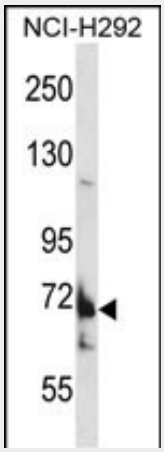
Tissue Location
Expressed in placenta, prostate and testis.

TMC8 Antibody (N-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TMC8 Antibody (N-term) - Images



TMC8 Antibody (N-term) (Cat. #AP14243a) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the TMC8 antibody detected the TMC8 protein (arrow).

TMC8 Antibody (N-term) - Background

Epidermodysplasia verruciformis (EV) is an autosomal recessive dermatosis characterized by abnormal susceptibility to human papillomaviruses (HPVs) and a high rate of progression to squamous cell carcinoma on sun-exposed skin. EV is caused by mutations in either of two adjacent genes located on chromosome 17q25.3. Both of these genes encode integral membrane proteins that localize to the endoplasmic reticulum and are predicted to form transmembrane channels. This gene encodes a transmembrane channel-like protein with 8 predicted transmembrane domains and 3 leucine zipper motifs.

TMC8 Antibody (N-term) - References

McDermott, D.F., et al. Pediatr Dermatol 26(3):306-310(2009)
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Zavattaro, E., et al. J. Invest. Dermatol. 128(3):732-735(2008)
Lazarczyk, M., et al. J. Exp. Med. 205(1):35-42(2008)
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