

**Anti-Human/Mouse/Rat TMC8 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA06037**

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3th Edition

**Description:** 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 (Transmembrane Channel Like 8) is a Protein Coding gene. Diseases associated with TMC8 include Epidermodysplasia Verruciformis and Superficial Mycosis. GO annotations related to this gene include receptor binding. An important paralog of this gene is TMC4.

**Antigen:** Synthesized peptide derived from the C-terminal region of human TMC8

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:** Expressed in placenta, prostate and testis.