Datasheet for ABIN6990884

anti-TMC6 antibody (N-Term)

Go to Product page

Overview

Quantity:	0.1 mg
Target:	TMC6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMC6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	EVER1 antibody was raised against a 14 amino acid synthetic peptide from near the amino terminus of human EVER1. The immunogen is located within the first 50 amino acids of EVER1.
Isotype:	IgG
Specificity:	At least four isoforms of EVER1 are known to exist. This EVER1 antibody does not cross-react with EVER2.
Purification:	EVER1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TMC6
Alternative Name:	EVER1 (TMC6 Products)

Target Details

Background:	EVER1 Antibody: 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, EVER1 and EVER2, 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. Both EVER1 and EVER2 are members of the transmembrane channel-like (TMC) protein family. EVER1 possesses eight trans-membrane domains and two leucine zipper motifs. EVER1 and EVER2 form a complex and interact with the zinc transporter 1 (ZnT-1), suggesting that EVER1 and EVER2 act to regulate cellular zinc balance.
Gene ID:	11322
UniProt:	Q7Z403

Application Details

Application Notes:	EVER1 antibody can be used for the detection of EVER1 by Western blot at 1 - 2 µ,g/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µ,g/mL. Antibody validated: Western Blot in mouse samples and Immunohistochemistry in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	EVER1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	EVER1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.