

Datasheet for ABIN6990905
anti-TMC8 antibody (AA 300-350)



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	TMC8
Binding Specificity:	AA 300-350
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMC8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	EVER2 antibody was raised against a 14 amino acid synthetic peptide from near the center of human EVER2. The immunogen is located within amino acids 300 - 350 of EVER2.
Isotype:	IgG
Specificity:	At least three isoforms of EVER2 are known to exist, this antibody will only recognize the larger isoform. EVER2 has no cross-reactivity to EVER1.
Purification:	EVER2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TMC8
Alternative Name:	EVER2 (TMC8 Products)

Target Details

Background: EVER2 Antibody: Epidermodysplasia verruciformis (EV) is an autosomal recessive genodermatosis associated with a high risk of skin cancers resulting from a high susceptibility to infection by specific human papillomaviruses. Mutations in two homologous genes EVER1 and EVER2 cause the majority of EV cases. These two proteins form a complex and interact with the zinc transporter ZnT-1 in the endoplasmic reticulum. Cells lacking EVER2 accumulated higher levels of zinc in the nucleolus and nucleus compare to those cells with and intact EVER2 gene, indicating that one role of EVER2 is to regulate the intracellular distribution of zinc.

Gene ID: 147138

UniProt: [Q8IU68](#)

Application Details

Application Notes: EVER2 antibody can be used for detection of EVER2 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: EVER2 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: EVER2 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.