

Datasheet for ABIN499806  
**anti-TMC6 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.1 mg
Target:	TMC6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	EVER1 antibody was raised against a 14 amino acid peptide from near the amino terminus of human EVER1.
Isotype:	IgG
Specificity:	This antibody reacts to EVER1.
Purification:	Affinity chromatography purified via peptide column

## Target Details

Target:	TMC6
Alternative Name:	TMC6 / EVER1 ( <a href="#">TMC6 Products</a> )
Background:	Epidermodysplasia verruciformis (EV) is an autosomal recessive dermatosis characterized by abnormal susceptibility to human papillomaviruses (HPVs) and a high rate of progression to

## Target Details

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. At least four isoforms of EVER1 are known to exist. This EVER1 antibody does not cross-react with EVER2. Synonyms: EVIN1, Epidermodysplasia verruciformis protein 1, LAK-4, Transmembrane channel-like protein 6

Gene ID: 11322

UniProt: [Q7Z403](#)

## Application Details

Application Notes: ELISA. Western Blot: 1 - 2 µg/mL. Immunohistochemistry.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

## Handling

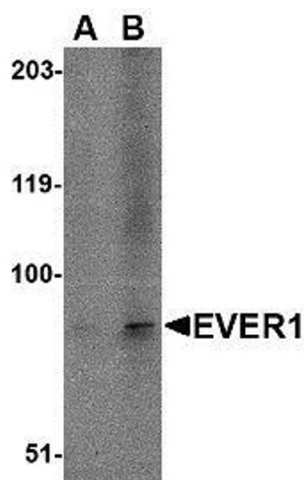
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

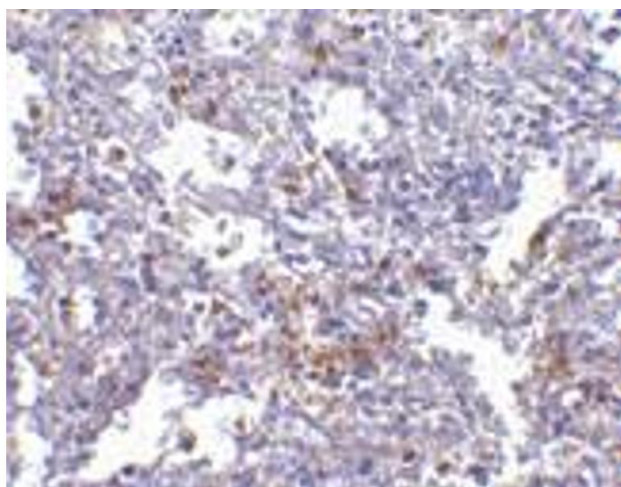
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



#### Western Blotting

**Image 1.** Western blot analysis of EVER1 in A-20 cell lysate with AP30321PU-N EVER1 antibody at (A) 1 and (B) 2 µg/ml.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of EVER1 in human spleen with EVER1 antibody at 2.5 µg/ml.