

Product datasheet for **TA306555**

TMC6 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	EVER1 antibody was raised against a 15 amino acid peptide from near the center of human EVER1. The immunogen is located within amino acids 560 - 610 of EVER1.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	transmembrane channel like 6
Database Link:	AAM44452 Entrez Gene 11322 Human Q7Z403



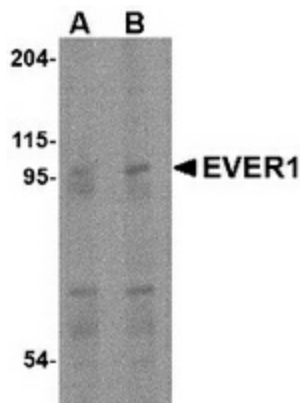
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Background:

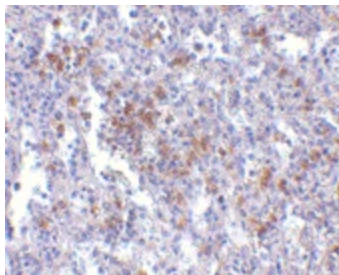
Epidermodysplasia verruciformis (EV) is an autosomal recessive dermatosis characterized by abnormal susceptibility to human papillomaviruses (HPVs) and a high rate of progression to squamous cell carcinoma on sun-exposed skin. EV is caused by mutations in either of two adjacent genes, EVER1 and EVER2, 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:

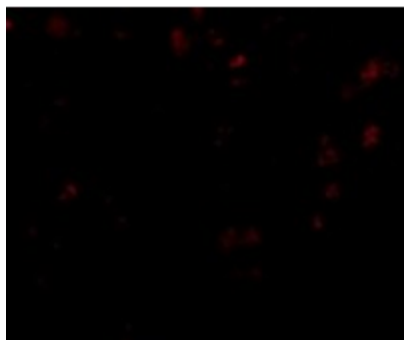
EV1; EVER1; EVIN1; LAK-4P

Product images:

Western blot analysis of EVER1 in human spleen tissue lysate with EVER1 antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry of EVER1 in human spleen with EVER1 antibody at 2.5 ug/ml.



Immunofluorescence of EVER1 in Human Spleen cells with EVER1 antibody at 20 ug/mL.