EVER1 Antibody

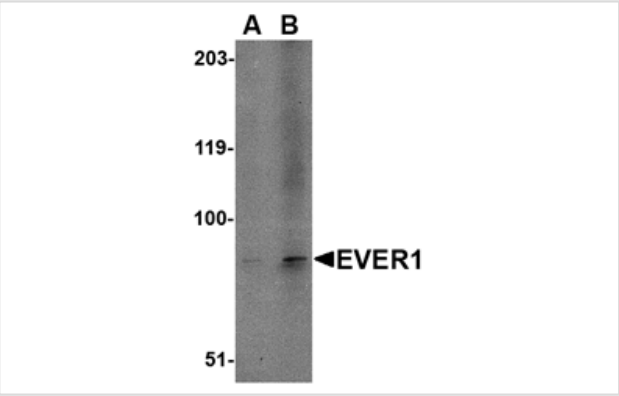
Catalog No: #24662

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

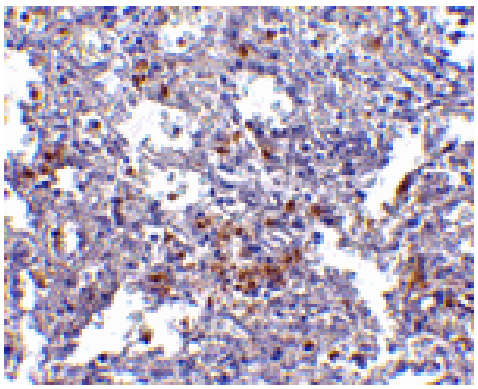
Description

Product Name	EVER1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Specificity	At least four isoforms of EVER1 are known to exist. This EVER1 antibody does not cross-react with EVER2.
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide from near the amino terminus of human EVER1.
Target Name	EVER1
Other Names	EV1, EVIN1, Transmembrane protein channel-like protein 6, TMC6
Accession No.	Swiss-Prot:Q7Z403Gene ID:11322
Uniprot	Q7Z403
GeneID	11322;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

Images



Western blot analysis of EVER1 in A-20 cell 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.

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.

Note: This product is for in vitro research use only