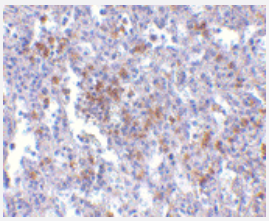
TMC6 polyclonal antibody

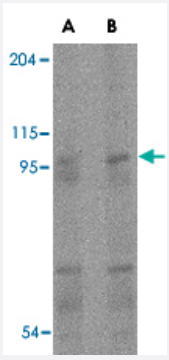
Catalog # PAB13360 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of TMC6 in human spleen with TMC6 polyclonal antibody (Cat # PAB13360) at 2.5 ug/mL .



Western Blot (Tissue lysate)

Western blot analysis of TMC6 in human spleen tissue lysate with TMC6 polyclonal antibody (Cat # PAB13360) at (A) 1 and (B) 2 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TMC6.
Immunogen	A synthetic peptide corresponding to internal region 15 amino acids of human TMC6.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemistry of TMC6 in human spleen with TMC6 polyclonal antibody (Cat # PAB13360) at 2.5 ug/mL .

- Western Blot (Tissue lysate)

  Western blot analysis of TMC6 in human spleen tissue lysate with TMC6 polyclonal antibody (Cat # PAB13360) at (A) 1 and (B) 2 ug/mL .

Gene Info — TMC6

Entrez GeneID	11322
Protein Accession#	AAM44452
Gene Name	TMC6
Gene Alias	EV1, EVER1, EVIN1, FLJ17776, LAK-4P
Gene Description	transmembrane channel-like 6
Omim ID	226400 605828
Gene Ontology	Hyperlink
Gene Summary	Epidermodysplasia verruciformis (EV) is an autosomal recessive dermatosis characterized by ab normal susceptibility to human papillomaviruses (HPVs) and a high rate of progression to squam ous cell carcinoma on sun-exposed skin. EV is caused by mutations in either of two adjacent gen es located on chromosome 17q25.3. Both of these genes encode integral membrane proteins th at localize to the endoplasmic reticulum and are predicted to form transmembrane channels. This gene encodes a transmembrane channel-like protein with 10 transmembrane domains and 2 leuc ine zipper motifs. [provided by RefSeq
Other Designations	epidermodysplasia verruciformis 1|expressed in activated T/LAK lymphocytes

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Publication Reference

- Regulation of cellular zinc balance as a potential mechanism of EVER-mediated protection against pathogenesis by cutaneous oncogenic human papillomaviruses.

  Lazarczyk M, Pons C, Mendoza JA, Cassonnet P, Jacob Y, Favre M.

  The Journal of Experimental Medicine 2007 Dec; 205(1):35.

- TMC and EVER genes belong to a larger novel family, the TMC gene family encoding transmembrane proteins.

  Keresztes G, Mutai H, Heller S.

  BMC Genomics 2003 Jun; 4(1):24.

- Epidermodysplasia verruciformis. Immunological and nonimmunological surveillance mechanisms: role in tumor progression.

  Majewski S, Jabłońska S, Orth G.

  Clinics in Dermatology 1997 May; 15(3):321.

Disease

- Genetic Predisposition to Disease
- Neoplasm Recurrence
- Papilloma
- Papillomavirus Infections
- Respiratory Tract Neoplasms

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