Rabbit anti-Human TMP21 Polyclonal Antibody | anti-TMP21 antibody

Anti-TMP21 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258958	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot**

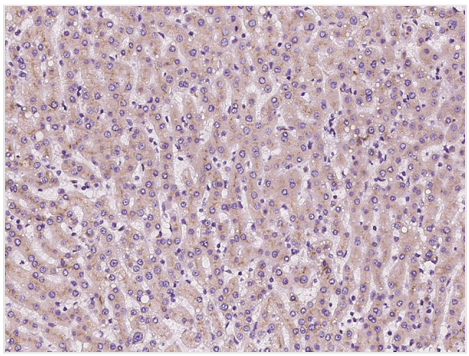
PRODUCT SYNONYMS

TMP21; Polyclonal Antibody; Anti-TMP21 Antibody; Rabbit Polyclonal; transmembrane emp24-like trafficking protein 10 (yeast); Anti-p23 Antibody; Anti-P24(DELTA) Antibody; Anti-S31I125 Antibody; Anti-S31III125 Antibody; Anti-Tmp-21-I Antibody; anti-TMP21 antibody

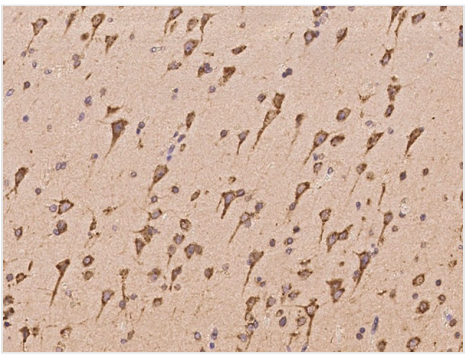
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TMP21
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TMP21 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E coli-derived Human TMP21 fragment
Preparation	Produced in rabbits immunized with E coli-derived Human TMP21 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

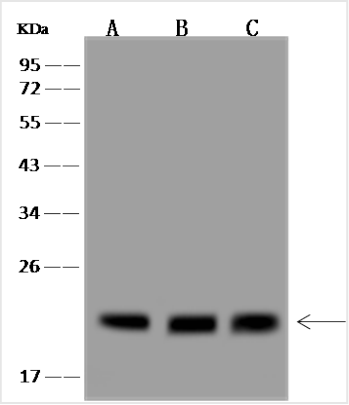
IMAGES



IHC (Immunohistochemisry)
Immunochemical staining of human TMED10 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohiostchemistry)
Immunochemical staining of human TMED10 in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)
Anti-TMP21 rabbit polyclonal antibody at 1:500 dilutionLane A: Raji Whole Cell LysateLane B: HeLa Whole Cell LysateLane C: U-87 MG Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:25 kDaObserved band size:22 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TMP21 antibody	TMED10 disrupts the complex formation between TGF-beta type I (also termed ALK5) and type II receptors (TbetaRII). Misexpression studies revealed that TMED10 attenuated TGF-beta-mediated signaling. A 20-amino acid-long region from Thr(91) to Glu(110) within the extracellular region of TMED10 was found to be crucial for TMED10 interaction with both ALK5 and TbetaRII. Synthetic peptides corresponding to this region inhibit both TGF-beta-induced Smad2 phosphorylation and Smad-dependent transcriptional reporter activity. In a xenograft cancer model, where previously TGF-beta was shown to elicit tumor-promoting effects, gain-of-function and loss-of-function studies for TMED10 revealed a decrease and increase in the tumor size, respectively. That TMED10 expression levels are the key determinant for efficiency of TGF-beta receptor complex formation and signaling.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/tmp21-antibody-immunohistochemistry-western-blot-elisa/258958