

Rabbit anti-Human TMC2 Polyclonal Antibody | anti-TMC2 antibody

Anti-TMC2 Antibody, Rabbit Polyclonal

CATALOG # AAA256932	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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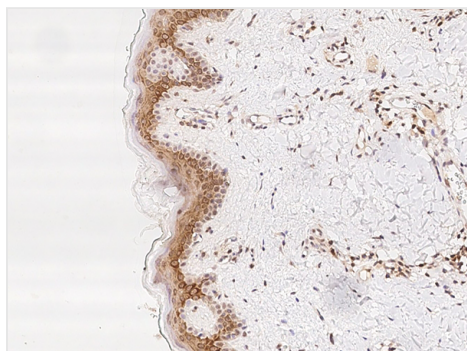
PRODUCT SYNONYMS

TMC2; Polyclonal Antibody; Anti-TMC2 Antibody; Rabbit Polyclonal; TMC2 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-dJ686C3.3 Antibody; Anti-RP4-686C3.3 Antibody; anti-TMC2 antibody

PRODUCT SPECIFICATIONS

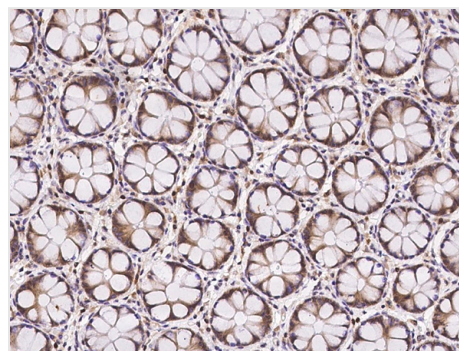
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TMC2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TMC2 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human TMC2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human TMC2 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 (Immunohistochemistry)

Immunochemical staining of human TMC2 in human skin with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human TMC2 in human rectum with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-TMC2 antibody	Transmembrane channel-like (TMC) 1 and 2 are required for the mechanotransduction of mouse inner ear hair cells and localize to the site of mechanotransduction in mouse hair cell stereocilia. Vertebrate hair cells express both TMC1 and TMC2. TMC2, a closely related homolog of TMC1, is expressed transiently in the neonatal mouse cochlea and can enable sensory transduction in Tmc1-null mice during the first postnatal week. Both TMC1 and TMC2 are expressed at adult stages in mouse vestibular hair cells.
References	Jia Y, et al. (2020) Tmc1 and tmc2 proteins are pore-forming subunits of mechanosensitive ion channels. Neuron 105 (2): 310-321.e313.Asai Y, et al. (2018) Transgenic tmc2 expression preserves inner ear hair cells and vestibular function in mice lacking tmc1. Sci Rep 8 (1): 12124.

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://www.aaabiotech.com/polyclonal/tmc2-antibody-immunohistochemistry-elisa/256932>