

Rabbit anti-Human TMEM65 Polyclonal Antibody | anti-TMEM65 antibody

Anti-TMEM65 Antibody, Rabbit Polyclonal

CATALOG # AAA256772	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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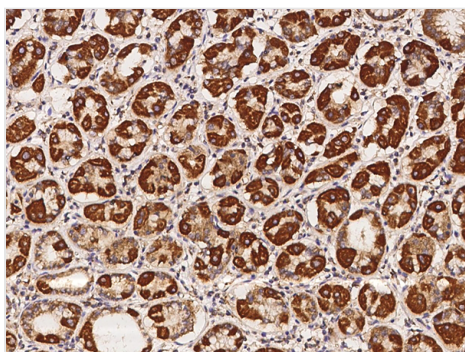
PRODUCT SYNONYMS

TMEM65; Polyclonal Antibody; Anti-TMEM65 Antibody; Rabbit Polyclonal; TMEM65 Antibody; Rabbit PAb; Antigen Affinity Purified; anti-TMEM65 antibody

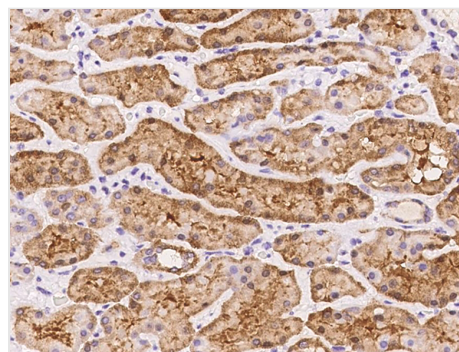
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TMEM65
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TMEM65 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human TMEM65 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human TMEM65 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 TMEM65 in human stomach with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human TMEM65 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-TMEM65 antibody	TMEM65 (Transmembrane Protein 65) is located on human chromosome 8q24.13. The TMEM65 protein is ubiquitously expressed in duodenum, brain and other tissues. Structurally, the encoded TMEM65 protein is reported to be 25498 Da in mass. TMEM65 is localized to the mitochondrial inner membrane. TMEM65 may play an important role in cardiac development and function. TMEM65 may regulate cardiac conduction and the function of the gap junction protein GJA1. TMEM65 may contribute to the stability and proper localization of GJA1 to cardiac intercalated disk thereby regulating gap junction communication (By similarity). TMEM65 may also play a role in the regulation of mitochondrial respiration and mitochondrial DNA copy number maintenance. A mutation in the TMEM65 gene results in mitochondrial dysfunction and a severe mitochondrial encephalomyopathy phenotype. TMEM65 is associated with some diseases, including Leigh Syndrome, French Canadian Type and Mitochondrial Myopathy.
References	Nazli A, et al. (2017) A mutation in the tmem65 gene results in mitochondrial myopathy with severe neurological manifestations. Eur J Hum Genet 25 (6): 744-751.

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/tmem65-antibody-immunohistochemistry-elisa/256772>