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## anti-TMCO1 antibody (AA 43-79)

3 Images



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Quantity:	100 μg
Target:	TMC01
Binding Specificity:	AA 43-79
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMCO1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)

#### **Product Details**

Immunogen:	Recombinant Human Calcium load-activated calcium channel protein (43-79AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	TMC01
Alternative Name:	TMC01 (TMC01 Products)
Background:	Background: Calcium-selective channel required to prevent calcium stores from overfilling,
	thereby playing a key role in calcium homeostasis (PubMed:27212239). In response to

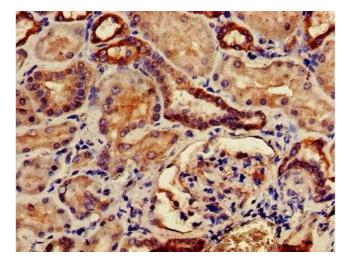
endoplasmic reticulum overloading, assembles into a homotetramer, forming a functional calcium-selective channel, regulating the calcium content in endoplasmic reticulum store Aliases: 1190006A08Rik antibody, 4930403006Rik antibody, AA109065 antibody, AU022572 antibody, Calcium load activated calcium channel antibody, CFSMR antibody, CLAC channel antibody, ESTM39 antibody, HP10122 antibody, Meg 2 like protein antibody, PCIA3 antibody, PNAS 10 antibody, PNAS 136 antibody, Putative membrane protein antibody, RP11-466F5.7 antibody, TMCC4 antibody, TMCO1 antibody, TMCO1\_HUMAN antibody, Transmembrane and coiled coil domains 1 antibody, Transmembrane and coiled coil domains 4 antibody, Transmembrane and coiled-coil domains protein 4 antibody, Xenogeneic cross-immune protein PCIA3 antibody

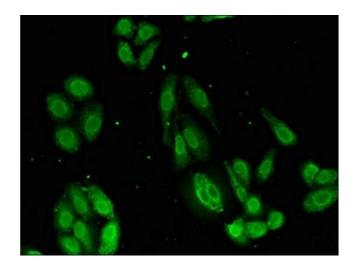
UniProt:

Q9UM00

#### **Application Details**

Application Notes:	Recommended dilution: IHC:1:500-1:1000, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





#### **Immunohistochemistry**

Image 1. IHC image of ABIN7146302 diluted at 1:500 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

#### **Immunohistochemistry**

Image 2. IHC image of ABIN7146302 diluted at 1:500 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

#### **Immunofluorescence**

**Image 3.** Immunofluorescent analysis of HepG2 cells using ABIN7146302 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)