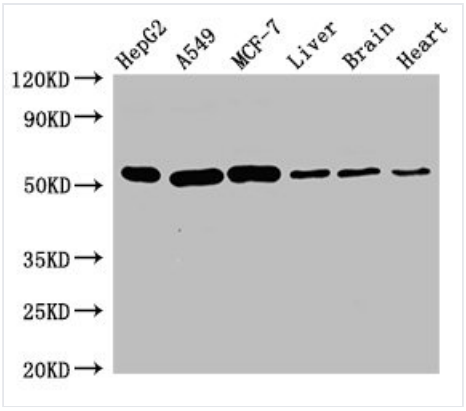
TMCO1 Antibody – Rabbit Polyclonal

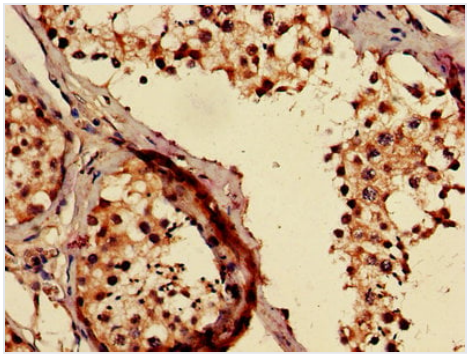
PRODUCT OVERVIEW

Product Name	TMCO1, Polyclonal Antibody
Full Product Name	TMCO1 Antibody
Product Gene Name	anti-TMCO1 antibody
Product Synonym Names	Calcium load-activated calcium channel (CLAC channel) (Transmembrane and coiled-coil domain-containing protein 1) (Transmembrane and coiled-coil domains protein 4) (Xenogeneic cross-immune protein PCIA3); TMCO1; TMCC4
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid Preservative: 0.03% Proclin300. Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: TMCO1 (MBS7051543) HRP Conjugated Antibody: SRP54 (MBS7051544)
Matching Pairs	Unconjugated Antibody: TMCO1 (MBS7051543) FITC Conjugated Antibody: SRP54 (MBS7051545)
Matching Pairs	Unconjugated Antibody: TMCO1 (MBS7051543) Biotin Conjugated Antibody: SRP54 (MBS7051546)
3D Structure	ModBase 3D Structure for Q9UM00
Immunogen	Recombinant Human Calcium load-activated calcium channel protein (43-79AA)
Conjugate	Non-conjugated
Immunogen Species	Homo sapiens (Human)
Research Area	Others
Target Names	TMCO1
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TMCO1 antibody	ELISA (EIA),Immunohistochemistry (IHC)
Application Notes for anti-TMCO1 antibody	IHC: 1:500-1:1000
Related Product Information for anti-TMCO1 antibody	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

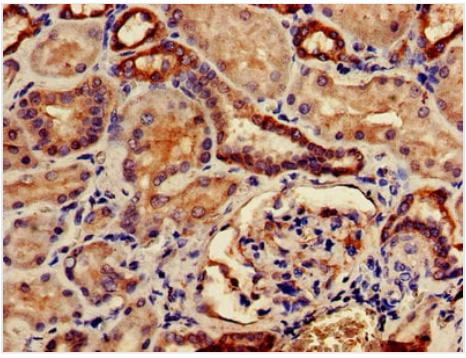
Other Notes	Small volumes of anti-TMCO1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TMCO1 purchase	MBS7051543 is an antibody targeting TMCO1. Also known as TMCO1 Antibody. Reactive in Human. Host: Rabbit.



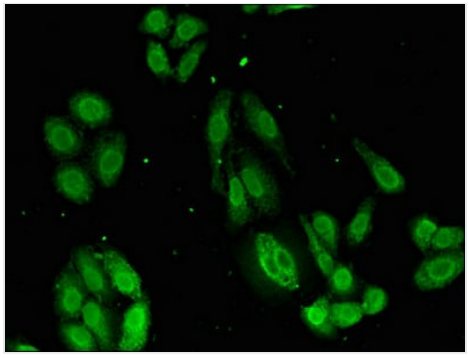
Western Blot (WB) of anti-TMCO1 antibody
Western BlotPositive WB detected in: HepG2 whole cell lysate, A549 whole cell lysate, MCF-7 whole cell lysate, Mouse liver tissue, Mouse brain tissue,Rat heart tissueAll lanes: TMCO1 antibody at 3.4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 28,17,12,22,18 KDaObserved band size: 28 KDa



Immunohistochemistry (IHC) of anti-TMCO1 antibody
IHC image of MBS7051543 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 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunohistochemistry (IHC) of anti-TMCO1 antibody
IHC image of MBS7051543 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 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence (IF) of anti-TMCO1 antibody
Immunofluorescent analysis of HepG2 cells using MBS7051543 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TMCO1. It may not necessarily be applicable to this product.

UniProt Primary Accession #	Q9UM00
Protein Family	Calcium load-activated calcium channel
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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