

Rabbit anti-Human TMEM199 Polyclonal Antibody | anti-TMEM199 antibody

Anti-TMEM199 Antibody, Rabbit Polyclonal

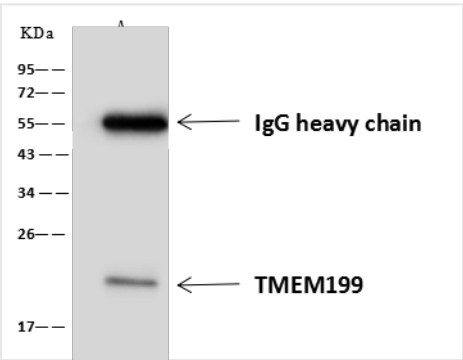
CATALOG # AAA256077	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

TMEM199; Polyclonal Antibody; Anti-TMEM199 Antibody; Rabbit Polyclonal; TMEM199 Antibody; Rabbit PAb; Antigen Affinity Purified; transmembrane protein 199; Anti-C17orf32 Antibody; anti-TMEM199 antibody

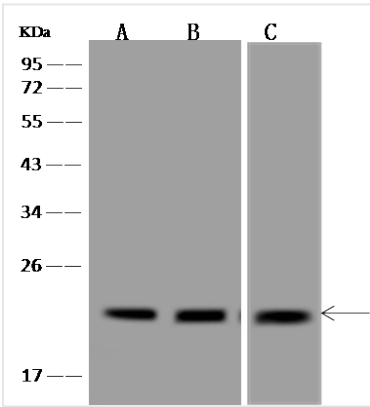
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TMEM199
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TMEM199 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human TMEM199 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human TMEM199 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.



IP (Immunoprecipitation)

TMEM199 was immunoprecipitated using: Lane A: 0.5 mg U 251 MG Whole Cell Lysate 4 uL anti-TMEM199 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-TMEM199 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 23 kDa. Observed band size: 23 kDa.



WB (Western Blot)

Anti-TMEM199 rabbit polyclonal antibody at 1:500 dilution. Lane A: A549 Whole Cell Lysate. Lane B: 293 Whole Cell Lysate. Lane C: U 251 MG Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 23 kDa. Observed band size: 23 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TMEM199 antibody	TMEM199 (Transmembrane Protein 199) is a Protein Coding gene. The TMEM199 gene, located on 17q11.2, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, and frog. TMEM199 is a protein involved in Golgi homeostasis. The protein encoded by this gene has been observed to localize to the endoplasmic reticulum (ER)-Golgi intermediate compartment (ERGIC) and coat protein complex I (COPI) in some human cells. The encoded protein shares some homology with the yeast protein Vma12. TMEM199 is widely expressed in the kidney, thyroid, and other tissues. Diseases associated with TMEM199 include Congenital Disorder Of Glycosylation, Type Iip, and Immunodeficiency 47.
References	Swayampakula M, et al. (2017) The interactome of metabolic enzyme carbonic anhydrase ix reveals novel roles in tumor cell migration and invadopodia/mmp14-mediated invasion. Oncogene 36 (45): 6244-6261. Kwan JS, et al. (2014) Meta-analysis of genome-wide association studies identifies two loci associated with circulating osteoprotegerin levels. Hum Mol Genet 23 (24): 6684-6693. Jansen JC, et al. (2016) Tmem199 deficiency is a disorder of golgi homeostasis characterized by elevated aminotransferases, alkaline phosphatase, and cholesterol and abnormal glycosylation. Am J Hum Genet 98 (2): 322-330.

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.