Rabbit anti-Human TMEM109 Polyclonal Antibody | anti-TMEM109 antibody

Rabbit anti-TMEM109 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213395	**Rabbit**	**Human**	**Immunoprecipitation, Western Blot**

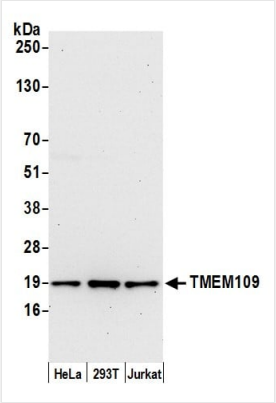
PRODUCT SYNONYMS

TMEM109; Polyclonal Antibody; Rabbit anti-TMEM109 Antibody; Affinity Purified; mg23; mitsugumin-23; transmembrane protein 109; Transmembrane protein 109; anti-TMEM109 antibody

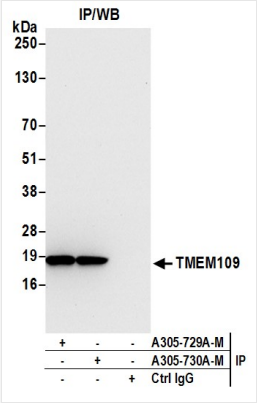
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-TMEM109 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)
Detection of human TMEM109 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-TMEM109 antibody (AAA213395 lot 1) used for WB at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)
Detection of human TMEM109 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-TMEM109 antibody (AAA213395 lot 1) used for IP at 2 ug per reaction. TMEM109 was also immunoprecipitated by rabbit anti-TMEM109 antibody For blotting immunoprecipitated TMEM109, AAA213395 was used at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-TMEM109 antibody	Transmembrane protein 109 (TMEM109) may mediate cellular response to DNA damage by protecting against ultraviolet C-induced cell death (PubMed:23542032).TMEM109 can form voltage-gated calcium and potassium channels in vitro (By similarity) [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9BVC6].
Product Categories/Family for anti-TMEM109 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	13129092
NCBI GeneID	79073
NCBI Accession #	NP_076997.1
NCBI GenBank Nucleotide #	NM_024092.2
UniProt Accession #	Q9BVC6
Molecular Weight	26,210 Da
NCBI Official Full Name	transmembrane protein 109
NCBI Official Synonym Full Names	transmembrane protein 109
NCBI Official Symbol	TMEM109
NCBI Protein Information	transmembrane protein 109; mg23; mitsugumin-23
UniProt Protein Name	Transmembrane protein 109
UniProt Gene Name	**TMEM109**
UniProt Synonym Gene Names	Mg23
UniProt Entry Name	TM109_HUMAN

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/tmem109-antibody-immunoprecipitation-western-blot-elisa/213395