

Rabbit TMEM16B Polyclonal Antibody | anti-ANO2 antibody

TMEM16B Antibody

CATALOG # AAA39610	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
------------------------------	-----------------------	--	--

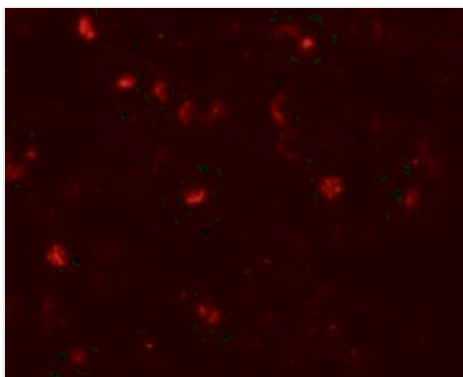
PRODUCT SYNONYMS

TMEM16B; Polyclonal Antibody; TMEM16B Antibody; C12orf3; Anoctamin-2; Transmembrane protein 16B; anoctamin 2; anti-ANO2 antibody

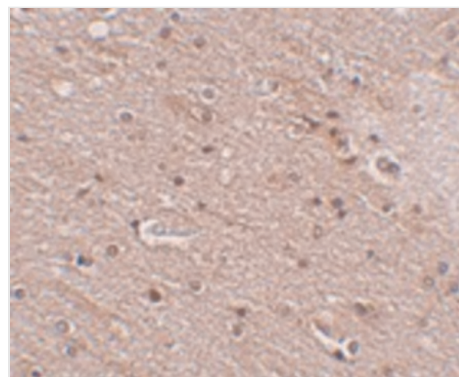
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TMEM16B Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	999
Applicable Applications for anti-ANO2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TMEM16B antibody was raised against a 19 amino acid synthetic peptide from near the amino terminus of human TMEM16B.
Buffer	TMEM16B Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.

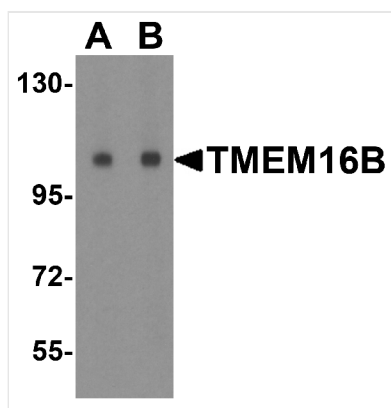
IMAGES


IF (Immunofluorescence)

Immunofluorescence of TMEM16B in Human Brain cells with TMEM16B antibody at 20 µg/mL.


IHC (Immunohistochemistry)

Immunohistochemistry of TMEM16B in human brain tissue with FRMPD4 antibody at 5 µg/mL.



WB (Western Blot)

Western blot analysis of TMEM16B in human small intestine tissue lysate with TMEM16B antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ANO2 antibody

TMEM16B Antibody: Calcium-activated chloride channels (CaCC) are present in many cell types and mediate physiological functions such as epithelial secretion, sensory signal transduction, and smooth muscle contraction. Subunits of these CaCC's include the transmembrane proteins TMEM16A and TMEM16B. TMEM16B is predicted to have eight transmembrane domains with both the amino and carboxy termini in the cytoplasm and is expressed in several tissues including olfactory sensory neurons as well as photoreceptors in mammalian retina. Like TMEM16A, TMEM16B is thought to form at least part of CaCC's but has different biophysical characteristics such as voltage dependence and unitary conductance.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862785
NCBI GeneID	57101
NCBI Accession #	NP_001265525
NCBI GenBank Nucleotide #	NM_020373.2
UniProt Accession #	Q9NQ90; Q9H847; C4N787
Molecular Weight	113,616 Da
NCBI Official Synonym Full Names	anoctamin 2, calcium activated chloride channel
NCBI Official Symbol	ANO2
NCBI Official Synonym Symbols	C12orf3; TMEM16B
NCBI Protein Information	anoctamin-2
UniProt Protein Name	Anoctamin-2
UniProt Gene Name	ANO2
UniProt Synonym Gene Names	C12orf3; TMEM16B
UniProt Entry Name	ANO2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/tmem16b-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39610>