BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-TMEM16B ANO2 Antibody

Catalog Number: A04801

About ANO2

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.

Submit a product review to Biocompare.com



Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-TMEM16B ANO2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TMEM16B ANO2 Antibody (Catalog # A04801). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	TMEM16B Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	TMEM16B antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9NQ90

Technical Details

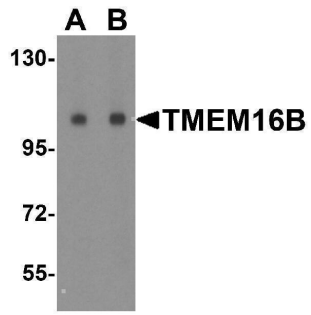
Immunogen	TMEM16B antibody was raised against a 19 amino acid synthetic peptide from near the amino terminus of human TMEM16B. The immunogen is located within the first 50 amino acids of TMEM16B.
Predicted Reactive Species	Bovine, Chicken, Rat

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

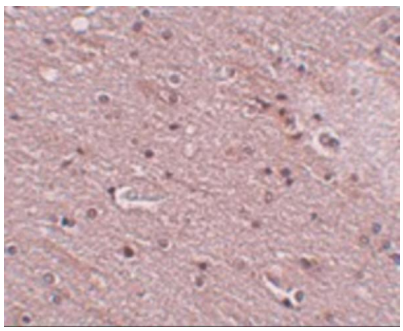
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TMEM16B Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TMEM16B antibody can be used for detection of TMEM16B by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

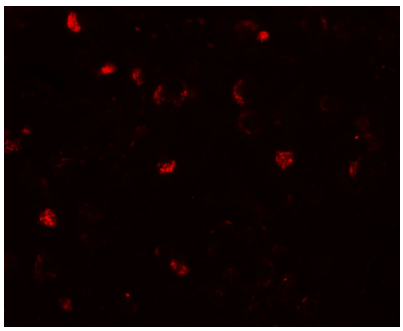
Anti-TMEM16B ANO2 Antibody (A04801) Images



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



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



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

Anti-TMEM16B ANO2 Antibody

For Research Use Only. Not for use in diagnostic procedures.