

## Product datasheet for **TA306852**

### TMEM16B (ANO2) Rabbit Polyclonal Antibody

#### Product data:

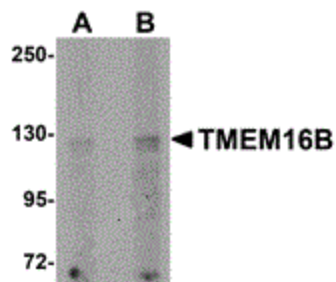
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TMEM16B antibody was raised against a 19 amino acid peptide from near the amino terminus of human TMEM16B.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	anoctamin 2
Database Link:	<a href="#">NP_001265525</a> <a href="#">Entrez Gene 57101 Human</a> <a href="#">Q9NQ90</a>
Background:	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.



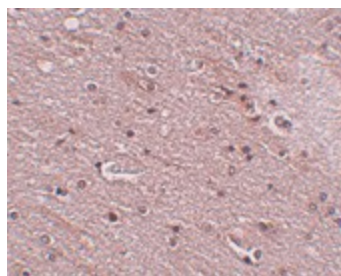
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Synonyms: DOG1; ORAOV2; TAOS2; TMEM16A

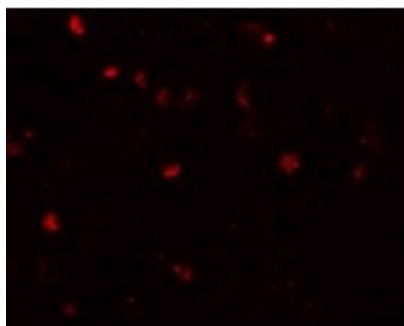
### Product images:



Western blot analysis of TMEM16B in rat brain tissue lysate with TMEM16B antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry of FRMPD4 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.