

TMEM16C antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13112

Product Information

Application	WB
Primary Accession	Q9BYT9
Other Accession	NM_031418 , NP_113606
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	114657

Additional Information

Gene ID	63982
Alias Symbol	C11orf25, GENX-3947, TMEM16C
Other Names	Anoctamin-3, Transmembrane protein 16C, ANO3, C11orf25, TMEM16C
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-TMEM16C antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	TMEM16C antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ANO3
Synonyms	C11orf25, TMEM16C
Function	Has calcium-dependent phospholipid scramblase activity; scrambles phosphatidylcholine and galactosylceramide (By similarity). Seems to act as potassium channel regulator and may inhibit pain signaling; can facilitate KCNT1/Slack channel activity by promoting its full single-channel conductance at very low sodium concentrations and by increasing its sodium sensitivity (By similarity). Does not exhibit calcium-activated chloride channel (CaCC) activity (PubMed: 21984732).
Cellular Location	Cell membrane; Multi-pass membrane protein. Note=Shows an intracellular

localization

Tissue Location

Highly expressed in the forebrain striatum.

References

Rosier M.F.,et al.Submitted (NOV-2000) to the EMBL/GenBank/DDBJ databases.

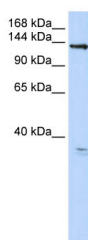
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Taylor T.D.,et al.Nature 440:497-500(2006).

Duran C.,et al.Acta Pharmacol. Sin. 32:685-692(2011).

Kunzelmann K.,et al.Pflugers Arch. 462:195-208(2011).

Images



WB Suggested Anti-TMEM16C Antibody Titration: 0.2-1
µg/ml
ELISA Titer: 1:312500
Positive Control: 293T cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.