

TMEM16C antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13112**Specification**

TMEM16C antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q9BYT9
Other Accession	NM_031418 , NP_113606
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rat, Chicken, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 115kDa KDa

TMEM16C antibody - C-terminal region - 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.

TMEM16C antibody - C-terminal region - 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

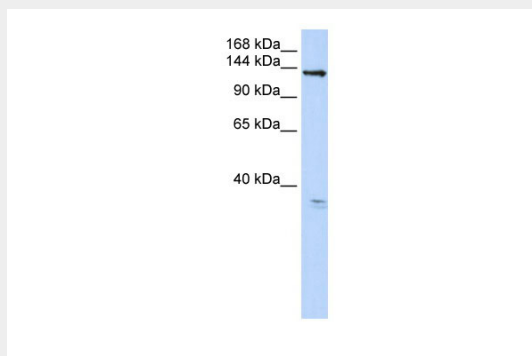
Tissue Location

Highly expressed in the forebrain striatum.

TMEM16C antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TMEM16C antibody - C-terminal region - Images

WB Suggested Anti-TMEM16C Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: 293T cell lysate

TMEM16C antibody - C-terminal region - 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).