

TMEM16B / ANO2 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13537**Specification**

TMEM16B / ANO2 Antibody (N-Terminus) - Product Information

Application	IF
Primary Accession	O9NQ90
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	114kDa KDa

TMEM16B / ANO2 Antibody (N-Terminus) - Additional Information**Gene ID** 57101**Other Names**

Anoctamin-2, Transmembrane protein 16B, ANO2, C12orf3, TMEM16B

Target/Specificity

Human ANO2

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

TMEM16B / ANO2 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

TMEM16B / ANO2 Antibody (N-Terminus) - Protein Information**Name** ANO2**Synonyms** C12orf3, TMEM16B**Function**

Calcium-activated chloride channel (CaCC) which may play a role in olfactory signal transduction. Odorant molecules bind to odor- sensing receptors (OSRs), leading to an increase in calcium entry that activates CaCC current which amplifies the depolarization of the OSR cells, ANO2 seems to be the underlying chloride channel involved in this process. May mediate light perception amplification in retina.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

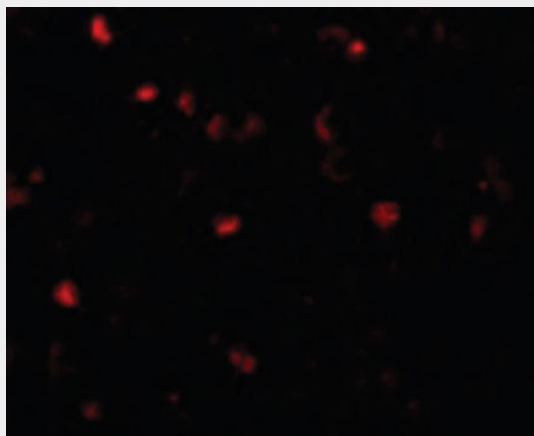
Retina, especially in the photoreceptor synaptic terminals.

TMEM16B / ANO2 Antibody (N-Terminus) - 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](#)

TMEM16B / ANO2 Antibody (N-Terminus) - Images



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

TMEM16B / ANO2 Antibody (N-Terminus) - Background

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TMEM16B / ANO2 Antibody (N-Terminus) - References

Lorenz B.,et al.Submitted (FEB-2000) to the EMBL/GenBank/DDBJ databases.
Stoehr H.,et al.J. Neurosci. 29:6809-6818(2009).
Scherer S.E.,et al.Nature 440:346-351(2006).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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