

ANO4 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20200A**Specification**

ANO4 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q32M45
Other Accession	Q8C5H1 , A6OLE6 , NP_849148.2
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	111462
Antigen Region	188-216

ANO4 Antibody (N-term) - Additional Information**Gene ID** 121601**Other Names**

Anoctamin-4, Transmembrane protein 16D, ANO4, TMEM16D

Target/Specificity

This ANO4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 188-216 amino acids from the N-terminal region of human ANO4.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ANO4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ANO4 Antibody (N-term) - Protein Information**Name** ANO4

Synonyms TMEM16D

Function Has calcium-dependent phospholipid scramblase activity; scrambles phosphatidylserine, phosphatidylcholine and galactosylceramide (By similarity). Does not exhibit calcium-activated chloride channel (CaCC) activity (By similarity).

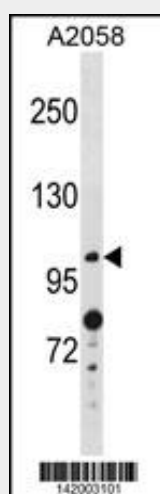
Cellular Location

Cell membrane; Multi-pass membrane protein. Note=Shows an intracellular localization.
{ECO:0000250|UniProtKB:Q8C5H1}

ANO4 Antibody (N-term) - 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](#)

ANO4 Antibody (N-term) - Images

ANO4 Antibody (N-term) (Cat. #AP20200a) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the ANO4 antibody detected the ANO4 protein (arrow).

ANO4 Antibody (N-term) - Background

May act as a calcium-activated chloride channel.

ANO4 Antibody (N-term) - References

Hartzell, H.C., et al. J. Physiol. (Lond.) 587 (PT 10), 2127-2139 (2009) :
Katoh, M., et al. Int. J. Oncol. 24(5):1345-1349(2004)
Katoh, M., et al. Int. J. Oncol. 22(6):1375-1381(2003)