10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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, A6QLE6, 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

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).

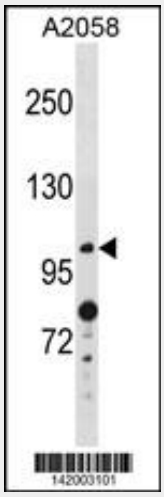
Cellular Location
Cell membrane; Multi-pass membrane protein. Note=Shows an intracellular localization. {ECO:0000250|UniProtKB:Q8C5H1}

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 Cytomety
- 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)