

Ano6 antibody - middle region

Rabbit Polyclonal Antibody Catalog # Al12495

Specification

Ano6 antibody - middle region - Product Information

Application WB
Primary Accession O6P9J9

Other Accession NM 175344, NP 780553

Reactivity

Human, Mouse, Rat, Pig, Guinea Pig
Predicted

Human, Mouse, Rat, Pig, Guinea Pig

Host Rabbit
Clonality Polyclonal
Calculated MW 106kDa KDa

Ano6 antibody - middle region - Additional Information

Gene ID 105722

Alias Symbol 2900059G15Rik, AA407480, AW554778,

F730003B03Rik, Tmem16f

Other Names

Anoctamin-6, Small-conductance calcium-activated nonselective cation channel, SCAN channel, Transmembrane protein 16F, Ano6, Tmem16f

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-Ano6 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

Ano6 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Ano6 antibody - middle region - Protein Information

Name Ano6

Function

Small-conductance calcium-activated nonselective cation (SCAN) channel which acts as a regulator of phospholipid scrambling in platelets, osteoblasts and fetal thymocytes. Phospholipid scrambling results in surface exposure of phosphatidylserine which in platelets is essential to trigger the clotting system whereas in osteoblasts is essential for the deposition of hydroxyapatite during bone mineralization. Has calcium-dependent phospholipid scramblase activity; scrambles phosphatidylserine, phosphatidylcholine and galactosylceramide. Can generate outwardly rectifying chloride channel currents in airway epithelial cells and Jurkat T lymphocytes.



Cellular Location

Cell membrane; Multi-pass membrane protein. Note=Shows an intracellular localization. {ECO:0000250|UniProtKB:Q4KMQ2}

Tissue Location

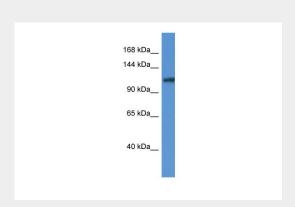
Predominant expression seen in epithelial tissues. Also found in skeletal system where it is primarily expressed in osteoblasts.

Ano6 antibody - middle 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 Cytomety
- Cell Culture

Ano6 antibody - middle region - Images



WB Suggested Anti-Ano6 Antibody Titration: 1.0 μg/ml

Positive Control: Mouse Liver