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Ano6 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12495

Product Information

Application	WB
Primary Accession	Q6P9J9
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	106255

Additional Information

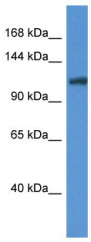
Gene ID	105722
Alias Symbol	2900059G15Rik, AA407480, AW554778, F730003B03Rik, Tmem16f
Other Names	Anoctamin-6, Small-conductance calcium-activated nonselective cation channel, SCAN channel, Transmembrane protein 16F, Ano6, Tmem16f
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (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.

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 (PubMed:21107324, PubMed:21908539, PubMed:22936354, PubMed:23021219, PubMed:23532839, PubMed:30785399, PubMed:31015464, PubMed:39495104). 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 (PubMed:22936354, PubMed:23021219). Has calcium- dependent phospholipid scramblase activity; scrambles phosphatidylserine,

	phosphatidylcholine and galactosylceramide (PubMed:23532839). Can generate outwardly rectifying chloride channel currents in airway epithelial cells and Jurkat T lymphocytes (PubMed:23021219).
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.

Images



WB Suggested Anti-Ano6 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Liver

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.