

Rabbit anti-Human ANO6 Polyclonal Antibody | anti-ANO6 antibody

ANO6 Antibody (N-term)

CATALOG # AAA287439	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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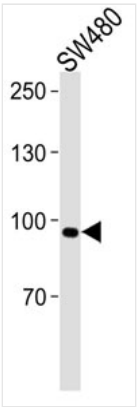
PRODUCT SYNONYMS

ANO6; Polyclonal Antibody; ANO6 Antibody (N-term); Anoctamin-6; Small-conductance calcium-activated nonselective cation channel; SCAN channel; Transmembrane protein 16F; TMEM16F; anti-ANO6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ANO6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 68-96 amino acids from the N-terminal region of human ANO6.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	68-96
Sequence Length	929
Applicable Applications for anti-ANO6 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Function	Small-conductance calcium-activated nonselective cation (SCAN) channel which acts as a regulator of phospholipid scrambling in platelets and osteoblasts. 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 (By similarity). 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 according to PubMed:22075693
Tissue Location	Expressed in embryonic stem cell, fetal liver, retina, chronic myelogenous leukemia and intestinal cancer
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
ANO6 Antibody (N-term) western blot analysis in SW480 cell line lysates (35ug/lane). This demonstrates the ANO6 antibody detected the ANO6 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ANO6 antibody	May act as a calcium-activated chloride channel.
Product Categories/Family for anti-ANO6 antibody	Crown Antibodies
References	Rose, J. Phd, et al. Mol. Med. (2010) In press : 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) Adams, M.D., et al. Nature 377 (6547 SUPPL), 3-174 (1995) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	218156299
NCBI GeneID	196527
NCBI Accession #	NP_001020527.2 ; NP_001136150.1 ; NP_001136151.1 ; NP_001191732.1
NCBI GenBank Nucleotide #	NM_001025356.2
UniProt Accession #	Q4KMQ2 ; Q8N3Q2 ; A6NNM6 ; B9EGG0 ; E7ENK4 ; E9PB30 ; E9PCT2
Molecular Weight	106165
NCBI Official Full Name	anoctamin-6 isoform a
NCBI Official Synonym Full Names	anoctamin 6
NCBI Official Symbol	ANO6
NCBI Official Synonym Symbols	SCTS; BDPLT7; TMEM16F
NCBI Protein Information	anoctamin-6
UniProt Protein Name	Anoctamin-6
UniProt Gene Name	ANO6
UniProt Synonym Gene Names	TMEM16F; SCAN channel
UniProt Entry Name	ANO6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ano6-antibody-western-blot-elisa/287439>