

Rabbit anti-Human ANO7 Polyclonal Antibody | anti-ANO7 antibody

ANO7 Antibody (N-term)

CATALOG # AAA290348	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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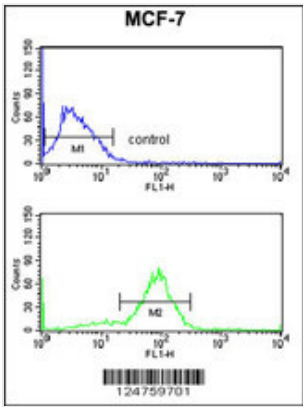
PRODUCT SYNONYMS

ANO7; Polyclonal Antibody; ANO7 Antibody (N-term); Anoctamin-7; Dresden transmembrane protein of the prostate; D-TMPP; IPCA-5; New gene expressed in prostate; Prostate cancer-associated protein 5; Transmembrane protein 16G; NGEP; PCANAP5; TMEM16G; anti-ANO7 antibody

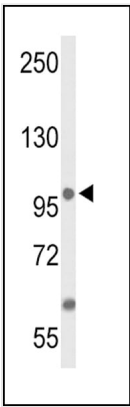
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ANO7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 106-135 amino acids from the N-terminal region of human ANO7.
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	106-135
Sequence Length	883
Applicable Applications for anti-ANO7 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
ANO7 Antibody (N-term) flow cytometry analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of ANO7 Antibody (N-term) in MCF-7 cell line lysates (35ug/lane). ANO7 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ANO7 antibody	ANO7 may act as a calcium-activated chloride channel. This protein May play a role in cell-cell interactions.
Product Categories/Family for anti-ANO7 antibody	Metabolism; Signal Transduction
References	Cereda, V., et al. Cancer Immunol. Immunother. 59(1):63-71(2010) Hartzell, H.C., et al. J. Physiol. (Lond.) 587 (PT 10), 2127-2139 (2009) Das, S., et al. Cancer Res. 68(15):6306-6312(2008) Kiessling, A., et al. Prostate 64(4):387-400(2005) Kato, M., et al. Int. J. Mol. Med. 14(4):759-764(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	48717269
NCBI GeneID	50636
NCBI Accession #	NP_001001666.1; NP_001001891.2
NCBI GenBank Nucleotide #	NM_001001666.3
UniProt Accession #	Q6IWH7; Q6IWH6
Molecular Weight	105532
NCBI Official Full Name	anoctamin-7 isoform NGEP-short
NCBI Official Synonym Full Names	anoctamin 7
NCBI Official Symbol	ANO7
NCBI Official Synonym Symbols	NGEP; DTMPP; IPCA5; D-TMPP; IPCA-5; PCANAP5; TMEM16G; PCANAP5L
NCBI Protein Information	anoctamin-7
UniProt Protein Name	Anoctamin-7
UniProt Gene Name	ANO7
UniProt Synonym Gene Names	NGEP; PCANAP5; TMEM16G; D-TMPP
UniProt Entry Name	ANO7_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://www.aaabiotech.com/polyclonal/ano7-antibody-flow-cytometry-western-blot-elisa/290348>