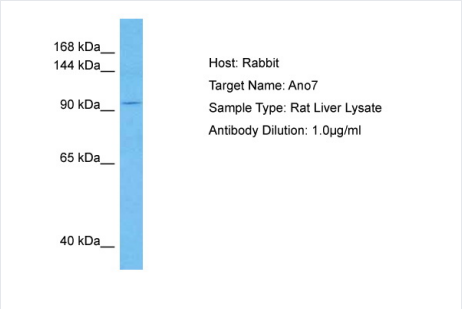
ANO7 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ANO7, Polyclonal Antibody
Full Product Name	ANO7 Antibody - middle region
Product Gene Name	anti-ANO7 antibody
Product Synonym Gene Name	Ngep; Ngep-L; Pcanap5; Tmem16g
Immunogen Sequence	Synthetic peptide located within the following region: EHVPDTPPEY YSCQFKASKL QWFLGSDNQD TFFTSTKRHQ ILFEILAKTP
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Rat
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	ANO7 peptide (MBS3248378) is used for blocking the activity of ANO7 antibody (MBS3223796)
Molecular Weight	94 kDa
3D Structure	ModBase 3D Structure for Q6IFT6
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of rat ANO7
Product Categories/Family for anti-ANO7 antibody	Polyclonal; Cancer; Ion Channel; Membrane Protein; Membrane & Traffic; Tissue Specific & Cell Marker
Applications Tested/Suitable for anti-ANO7 antibody	Western Blot (WB)
Related Product Information for anti-ANO7 antibody	This gene encodes a member of the anoctamin family, which in mammals is comprised of 10 members. Anoctamin proteins are proposed to have eight transmembrane domains with both termini facing the cytoplasm and a C-terminal domain of unknown function. While some members have been characterized as calcium-activated chloride channels, this protein is reported to have little anion conductance activity. In humans, this protein is primarily found in prostate tissues and may serve as a target for prostate cancer immunotherapy. Alternative splicing results in multiple transcript variants that encode different isoforms.
Other Notes	Small volumes of anti-ANO7 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ANO7 purchase	MBS3223796 is an antibody targeting ANO7. Also known as ANO7 Antibody - middle region. Reactive in Rat. Host: Rabbit.



Western Blot (WB) of anti-ANO7 antibody
Host: RabbitTarget Name: ANO7Sample Tissue: Rat Liver lysatesAntibody Dilution: 1ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ANO7. It may not necessarily be applicable to this product.

NCBI GI #	428978427
NCBI GeneID	404545
NCBI Accession #	NP_001258813.1
UniProt Primary Accession #	Q6IFT6
UniProt Related Accession #	Q14AT5
GenBank Nucleotide #	NM_001271884.1
NCBI Official Full Name	anoctamin-7 isoform 2
NCBI Official Synonym Full Names	anoctamin 7
NCBI Official Symbol	Ano7
NCBI Official Synonym Symbols	Ngep; Ngep-L; Pcanap5; Tmem16g
UniProt Protein Name	Anoctamin-7
UniProt Synonym Protein Names	New gene expressed in prostate homolog; Transmembrane protein 16G
Protein Family	Anoctamin
UniProt Gene Name	Ano7
UniProt Synonym Gene Names	Ngep; Tmem16g
UniProt Entry Name	ANO7_RAT
NCBI Protein Information	anoctamin-7
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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