

Rabbit anti-Human, mouse ANO5 Polyclonal Antibody | anti-ANO5 antibody

ANO5 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290369	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

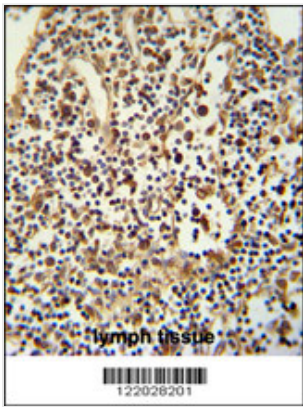
PRODUCT SYNONYMS

ANO5; Polyclonal Antibody; ANO5 Antibody (C-term); Anoctamin-5; Gnathodiaphyseal dysplasia 1 protein; Transmembrane protein 16E; GDD1; TMEM16E; anti-ANO5 antibody

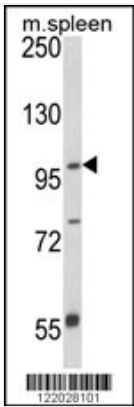
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ANO5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 792-819 amino acids from the C-terminal region of human ANO5.
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	792-819
Sequence Length	913
Applicable Applications for anti-ANO5 antibody	IHC (Immunohistochemistry), 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



IHC (Immunohistochemistry)
ANO5 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human lymph tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of theANO5 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of ANO5 Antibody (C-term) in mouse spleen tissue lysates (35ug/lane). ANO5 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ANO5 antibody	ANO5 is a member of the anoctamin family of transmembrane proteins. This protein is likely a calcium activated chloride channel.
References	KatoH,M. et.al., Am. J. Hum. Genet. 75 (5), 927-928 (2004) Tsutsumi,S., et.al., Am. J. Hum. Genet. 74 (6), 1255-1261 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	218081589
NCBI GeneID	203859
NCBI Accession #	NP_001136121.1; NP_998764.1
NCBI GenBank Nucleotide #	NM_001142649.1
UniProt Accession #	Q75V66
Molecular Weight	107188
NCBI Official Full Name	anoctamin-5 isoform b
NCBI Official Synonym Full Names	anoctamin 5
NCBI Official Symbol	ANO5
NCBI Official Synonym Symbols	GDD1; LGMD2L; TMEM16E
NCBI Protein Information	anoctamin-5
UniProt Protein Name	Anoctamin-5
UniProt Gene Name	ANO5
UniProt Synonym Gene Names	GDD1; TMEM16E
UniProt Entry Name	ANO5_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.