



Human ANO1 blocking peptide (CDBP2997)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-TMEM16A antibody
Antigen Description	ANO1 (anoctamin 1, calcium activated chloride channel) is a protein-coding gene. Diseases associated with ANO1 include small intestinal sarcoma, and sarcocystosis. GO annotations related to this gene include intracellular calcium activated chloride channel activity. An important paralog of this gene is ANO9.
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 µg/ml
Size	50 µg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20°C, stable for one year.

GENE INFORMATION

Gene Name	ANO1 anoctamin 1, calcium activated chloride channel [Homo sapiens (human)]
Official Symbol	ANO1
Synonyms	ANO1; anoctamin 1, calcium activated chloride channel; DOG1; TAOS2; ORAOV2; TMEM16A;

anoctamin-1; Ca²⁺-activated Cl⁻ channel; oral cancer overexpressed 2; tumor-amplified and overexpressed sequence 2; discovered on gastrointestinal stromal tumors protein 1; transmembrane protein 16A (eight membrane-spanning domains);

Entrez Gene ID	55107
mRNA Refseq	NM_018043.5
Protein Refseq	NP_060513.5
UniProt ID	Q5XXA6
Chromosome Location	11q13.3
Pathway	Ion channel transport, organism-specific biosystem; Stimuli-sensing channels, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	intracellular calcium activated chloride channel activity; intracellular calcium activated chloride channel activity; intracellular calcium activated chloride channel activity; protein binding;