



Anti-ANO1 (aa 450-550) polyclonal antibody (CPBT-47538RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human ANO1.
Antigen Description	Anoctamin-1 (ANO1) also known as oral cancer overexpressed 2 or TMEM16A is a protein that in humans is encoded by the ANO1 gene.
Specificity	Broadly expressed with higher levels in liver and skeletal muscle.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 450 - 550 of Human TMEM16A. (Immunogen available as DAG-P1217)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ICC/IF, WB
Sequence Similarities	Belongs to the anoctamin family.
Cellular Localization	Cell membrane. Cytoplasm.
Format	Liquid
Size	100 µg
Buffer	Preservative: 0.02% Sodium AzideConstituents: 1% BSA, PBS, pH 7.4

Preservative	0.02% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ANO1 anoctamin 1, calcium activated chloride channel [Homo sapiens]
Official Symbol	ANO1
Synonyms	ANO1; anoctamin 1, calcium activated chloride channel; oral cancer overexpressed 2 , ORAOV2, TMEM16A,transmembrane protein 16A; anoctamin-1; DOG1; FLJ10261; TAOS2; ANO 1; ANO1; ANO1_HUMAN; Anoctamin 1; Anoctamin 1 calcium activated chloride channel; Anoctamin-1; Anoctamin1; Discovered on gastrointestinal stromal tumors protein 1; DOG 1; FLJ10261; Membrane protein; Oral cancer overexpressed 2; Oral cancer overexpressed protein 2; ORAOV 2; ORAOV2; TAOS 2; TAOS2; TMEM 16A; TMEM16A; Transmembrane protein 16A (eight membrane spanning domains); Transmembrane protein 16A; Tumor amplified and overexpressed sequence 2; Tumor-amplified and overexpressed sequence 2; OTTHUMP00000235453; OTTHUMP00000235456; OTTHUMP00000235457; oral cancer overexpressed 2; oral cancer overexpressed protein 2; tumor-amplified and overexpressed sequence 2; discovered on gastrointestinal stromal tumors protein 1; transmembrane protein 16A (eight membrane-spanning domains); ORAOV2; TMEM16A;
Entrez Gene ID	55107
Protein Refseq	NP_060513
UniProt ID	Q5XXA6
Chromosome Location	11q13.2
Function	intracellular calcium activated chloride channel activity; ion channel activity;