

Rabbit anti-Human ANO2 Polyclonal Antibody | anti-ANO2 antibody

ANO2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234519	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

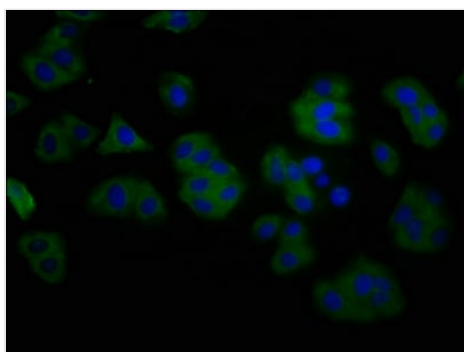
PRODUCT SYNONYMS

ANO2; Polyclonal Antibody; ANO2 Antibody; Anoctamin-2; Transmembrane protein 16B; C12orf3; TMEM16B; anti-ANO2 antibody

PRODUCT SPECIFICATIONS

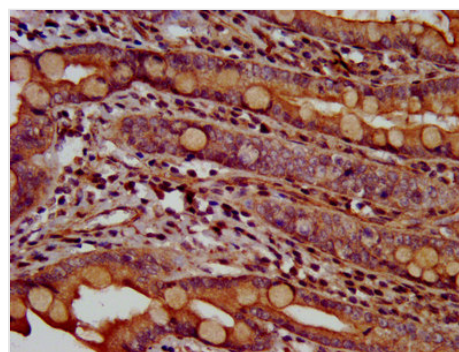
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1003
Applicable Applications for anti-ANO2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Anoctamin-2 protein (1-83AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234519 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234519 diluted at 1:600 and staining in paraffin-embedded human small intestine tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-ANO2 antibody	Calcium-activated chloride channel (CaCC) which may play a role in olfactory signal transduction. Odorant molecules bind to odor-sensing receptors (OSRs), leading to an increase in calcium entry that activates CaCC current which amplifies the depolarization of the OSR cells, ANO2 seems to be the underlying chloride channel involved in this process. May mediate light perception amplification in retina.
Product Categories/Family for anti-ANO2 antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	515870434
NCBI GeneID	57101
NCBI Accession #	NP_001265525.1
NCBI GenBank Nucleotide #	NM_001278596.1
UniProt Accession #	Q9NQ90; Q9H847; C4N787
Molecular Weight	113,616 Da
NCBI Official Full Name	anoctamin-2 isoform 1
NCBI Official Synonym Full Names	anoctamin 2
NCBI Official Symbol	ANO2
NCBI Official Synonym Symbols	C12orf3; TMEM16B
NCBI Protein Information	anoctamin-2
UniProt Protein Name	Anoctamin-2
UniProt Gene Name	ANO2
UniProt Synonym Gene Names	C12orf3; TMEM16B

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ano2-antibody-immunofluorescence-immunohistochemistry-elisa/234519>