

Rabbit anoctamin 2 Polyclonal Antibody | anti-ANO2 antibody

Rabbit anti-human anoctamin 2 polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA81341	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

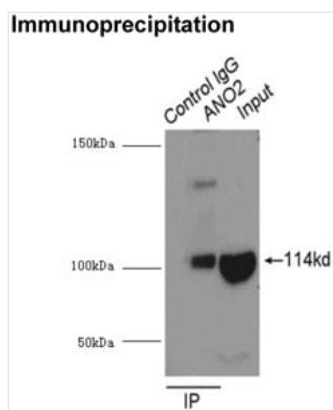
PRODUCT SYNONYMS

anoctamin 2; Polyclonal Antibody; Rabbit anti-human anoctamin 2 polyclonal Antibody; ANO2; C12orf3; DKFZp434P102; TMEM16B; anti-ANO2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Form/Format	Liquid ; PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Sequence Length	999
Applicable Applications for anti-ANO2 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Human ANO2
Product Type	Purified Rabbit Anti- Human PolyClonal Antibody
Immunogen Species	Homo Sapiens (Human)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-169622 / sc-292004
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IP (Immunoprecipitation)

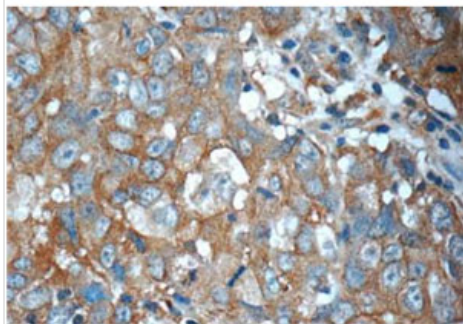
IP Result of anti-ANO2 (IP: AAA81341 , 4ug; Detection: AAA81341 1:300) with mouse brain tissue lysate 10000ug.



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells, using AAA81341 at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).

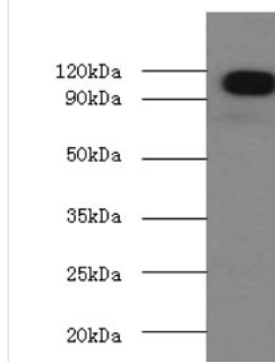
Immunohistochemistry



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using AAA81341 at dilution 1:50.

Western blot



WB (Western Blot)

All lanes: anoctamin 2 antibody at 2ug/ml+ mouse brain tissue secondary SecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilution Predicted band size : 114 kDa Observed band size: 114 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ANO2 antibody

Rabbit polyclonal to ANO2

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	515870521
NCBI GeneID	57101
NCBI Accession #	NP_001265526.1
NCBI GenBank Nucleotide #	NM_001278597.1
UniProt Accession #	Q9NQ90; Q9H847; C4N787
NCBI Official Full Name	anoctamin-2 isoform 2
NCBI Official Synonym Full Names	anoctamin 2, calcium activated chloride channel
NCBI Official Symbol	ANO2
NCBI Official Synonym Symbols	C12orf3; TMEM16B
NCBI Protein Information	anoctamin-2; transmembrane protein 16B (eight membrane-spanning domains)
UniProt Protein Name	Anoctamin-2
UniProt Gene Name	ANO2
UniProt Synonym Gene Names	C12orf3; TMEM16B
UniProt Entry Name	ANO2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/anoctamin-2-antibody-immunofluorescence-western-blot-elisa/81341>