

Rabbit TMEM16A Polyclonal Antibody | anti-TMEM16A antibody

TMEM16A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75731	Rabbit	Monkey, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

TMEM16A; Polyclonal Antibody; TMEM16A Antibody; ANO 1; Anoctamin 1; Anoctamin 1 calcium activated chloride channel; Ca²⁺ activated Cl⁻ channel; Discovered on gastrointestinal stromal tumors protein 1; DOG 1; Membrane protein; Oral cancer overexpressed protein 2; ORAOV 2; TAOS2; Transmembrane protein 16A; Tumor-amplified and overexpressed sequence 2 antibody; anti-TMEM16A antibody

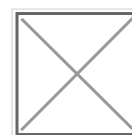
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Monkey, Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.50 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	960
Applicable Applications for anti-TMEM16A antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide taken within amino acid region on 70-120 on mouse Transmembrane Protein 16A.
Expression	Highly expressed in pulmonary bronchiole epithelial cells, pancreatic and submandibular gland acinar cells, kidney proximal tubule, all retinal cell layers, most sensory cells of dorsal root ganglia, Leydig cells and spermatocytes (at protein level). Expressed at high levels in the thyroid gland and gastrointestinal muscles.
Determinant	N-epitope
Molecular Function	Chloride channel, Developmental protein, Ion channel
Structure	Homodimer. Interacts with CFTR.
Subcellular Location	Cell membrane; Multi-pass membrane protein, Cytoplasm
Preparation and Storage	-20° degree C for long term storage

IMAGES



IHC (Immunohistochemistry)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-TMEM16A antibody	Affinity Purified Transmembrane protein 16A Antibody N-epitope Calcium-activated chloride channel (CaCC) which plays an important role in transepithelial anion transport and smooth muscle contraction. Required for the normal functioning of the interstitial cells of Cajal (ICCs) which generate electrical pacemaker activity in gastrointestinal smooth muscles. Acts as a major contributor to basal and stimulated chloride conductance in airway epithelial cells and plays an important role in tracheal cartilage development.
Product Categories/Family for anti-TMEM16A antibody	Primary Antibodies; Cancer Research; Tumor Associated; TMEM16A Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	148887069
NCBI GeneID	101772
UniProt Accession #	Q8BHY3; Q6P5C6; Q8BI26; Q99JK1
Molecular Weight	110,489 Da
NCBI Official Full Name	Anoctamin-1
NCBI Official Synonym Full Names	anoctamin 1, calcium activated chloride channel
NCBI Official Symbol	Ano1
NCBI Official Synonym Symbols	Tmem16a
NCBI Protein Information	anoctamin-1
UniProt Protein Name	Anoctamin-1
UniProt Gene Name	Ano1
UniProt Synonym Gene Names	Tmem16a
UniProt Entry Name	ANO1_MOUSE

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/tmem16a-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/75731>