

Datasheet for ABIN7002623

anti-ANO1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	20 µL
Target:	ANO1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANO1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide of human ANO1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	ANO1
Alternative Name:	ANO1 (ANO1 Products)
Background:	TMEM16A, also known as DOG1, ORAOV2, TAOS2 or ANO1 (anoctamin 1), is a 986 amino acid multi-pass membrane protein that localizes to both the cell membrane and the cytoplasm and belongs to the anoctamin family. Expressed in a variety of tissues with highest expression in skeletal muscle and liver, TMEM16A functions as a calcium-activated chloride channel that is

Target Details

required for normal tracheal development. Human TMEM16A shares 90 % sequence identity with its mouse counterpart, suggesting a conserved role between species. TMEM16A is present in breast, pancreatic, gastric, and uterine cancers, as well as in neck, ovarian and parathyroid tumors, suggesting a role for TMEM16A in carcinogenesis. Three isoforms of TMEM16A exist due to alternative splicing events.

Molecular Weight: 114 kDa

NCBI Accession: [NP_060513](#)

UniProt: [Q5XXA6](#)

Application Details

Application Notes: WB 1:200-1:1000, IHC 1:25-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

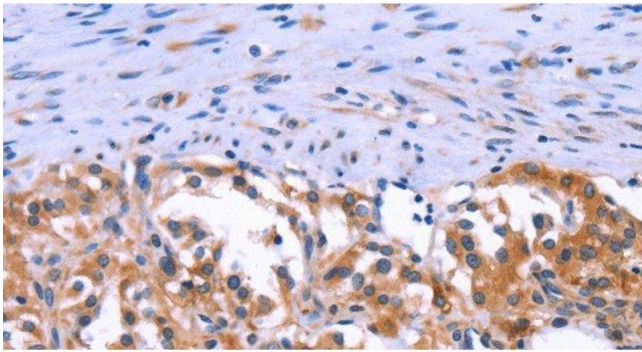
Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

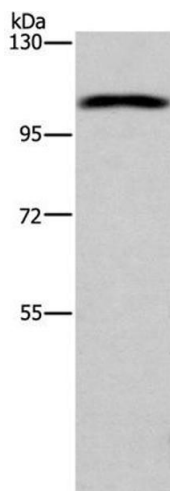
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ANO1 Polyclonal Antibody at dilution of 1:40