Product datasheet for TA373530

TMEM16A (ANO1) Rabbit Polyclonal Antibody
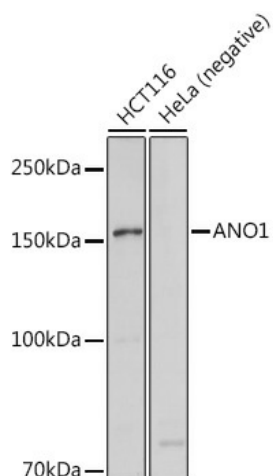
Product data:

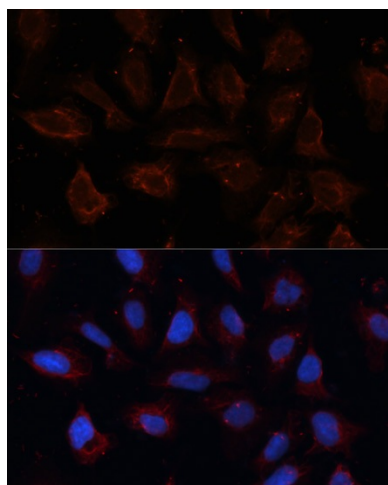|	
Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:1000 - 1:2000 IF,1:100 - 1:200
Reactivity:	Human, Mouse
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 628-731 of human ANO1 (NP_060513.5).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20℃. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	74kDa/97kDa/114kDa
Gene Name:	anoctamin 1
Database Link:	Entrez Gene 55107 Human Q5XXA6
Background:	Calcium-activated chloride channel (CaCC which plays a 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.
Synonyms:	DOG1; FLJ10261; ORAOV2; TAOS2; TMEM16A

View online »

Product images:

Western blot analysis of extracts of various cell lines, using ANO1 antibody (TA373530) at 1:1000 dilution.|Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.|Lysates/proteins: 25ug per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Basic Kit .|Exposure time: 1s.

Immunofluorescence analysis of U2OS cells using ANO1 antibody (TA373530) at dilution of 1:100. Blue: DAPI for nuclear staining.