

Product datasheet

Anti-Anoctamin 7 antibody - C-terminal ab196675

3 Images

Overview

Product name	Anti-Anoctamin 7 antibody - C-terminal
Description	Rabbit polyclonal to Anoctamin 7 - C-terminal
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P, WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human Anoctamin 7 (C terminal). Database link: Q6IWH7
Positive control	LOVO cell extract; Human prostrate carcinoma tissue; HepG2 cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, 49% PBS</p> <p>PBS without Mg²⁺ and Ca²⁺.</p>
Purity	Immunogen affinity purified
Purification notes	ab196675 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab196675 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/100 - 1/500.
IHC-P		1/50 - 1/100.
WB		1/500 - 1/3000. Predicted molecular weight: 106 kDa.

Target

Function

Does not exhibit calcium-activated chloride channel (CaCC) activity. May play a role in cell-cell interactions.

Tissue specificity

Specifically expressed in epithelial cells of the prostate (at protein level).

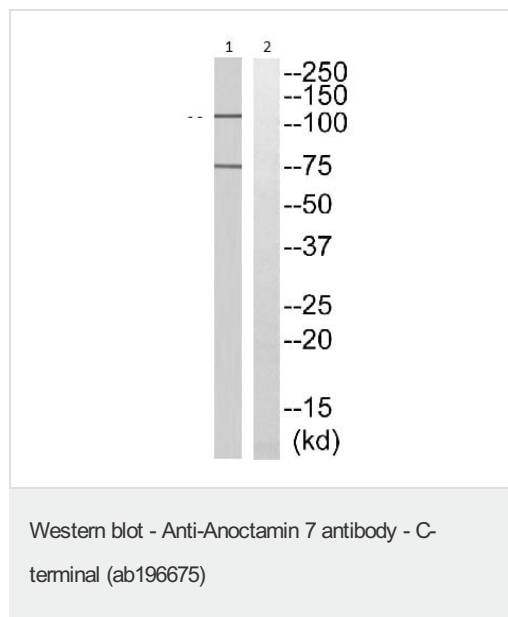
Sequence similarities

Belongs to the anoctamin family.

Cellular localization

Cytoplasm > cytosol and Cell membrane. Cell junction. Endoplasmic reticulum. Concentrates at sites of cell-cell contact. Shows an intracellular localization according to PubMed:22075693 and PubMed:20056604.

Images

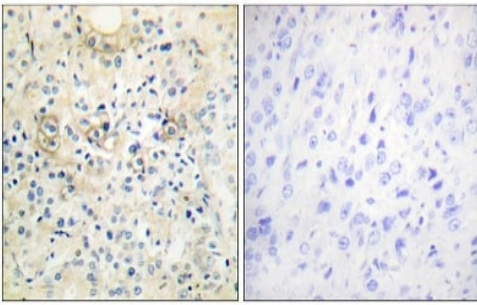


All lanes : Anti-Anoctamin 7 antibody - C-terminal (ab196675) at 1/500 dilution

Lane 1 : LOVO cell extract

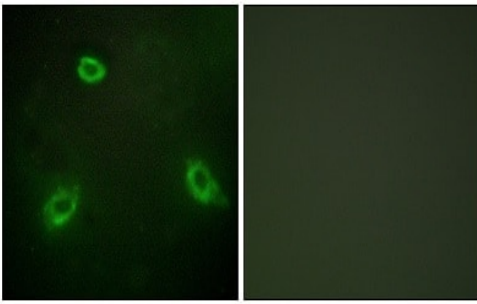
Lane 2 : LOVO cell extract with immunizing peptide

Predicted band size: 106 kDa



Immunohistochemical analysis of paraffin-embedded Human prostate carcinoma tissue labeling Anoctamin 7 with ab196675 at 1/50 dilution, in the presence (right panel) or absence (left panel) of immunizing peptide.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Anoctamin 7 antibody - C-terminal (ab196675)



Immunofluorescent analysis of HepG2 cells labeling Anoctamin 7 with ab196675 at 1/100 dilution, in the presence (right panel) or absence (left panel) of immunizing peptide.

Immunocytochemistry/ Immunofluorescence - Anti-Anoctamin 7 antibody - C-terminal (ab196675)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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