

Product datasheet

Anti-TMEM161A antibody ab237533

3 Images

Overview

Product name	Anti-TMEM161A antibody
Description	Rabbit polyclonal to TMEM161A
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Rat, Human
Immunogen	Recombinant fragment corresponding to Human TMEM161A aa 29-98. Database link: Q9NX61
Positive control	WB: Rat liver tissue lysate. IHC-P: Human endometrial cancer tissue. ICC/IF: PC-3 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	pH: 7.40 Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), PBS
Purity	Protein G purified
Purification notes	Purity greater than 95%
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab237533 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
WB		1/500 - 1/5000. Predicted molecular weight: 54, 42 kDa.
IHC-P		1/500 - 1/1000.
ICC/IF		1/50 - 1/500.

Target

Function

May play a role in protection against oxidative stress. Overexpression leads to reduced levels of oxidant-induced DNA damage and apoptosis.

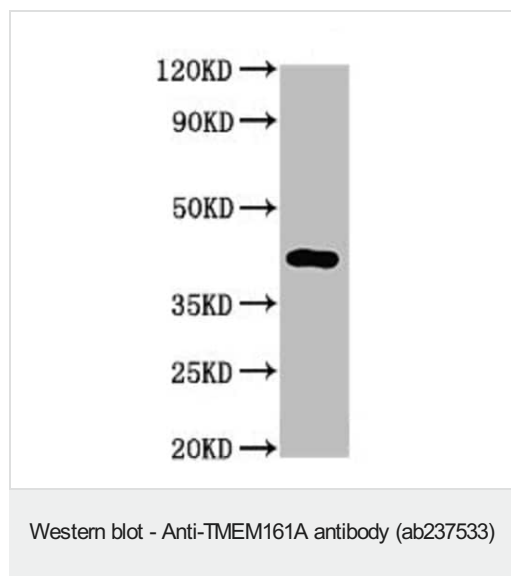
Sequence similarities

Belongs to the TMEM161 family.

Cellular localization

Membrane.

Images

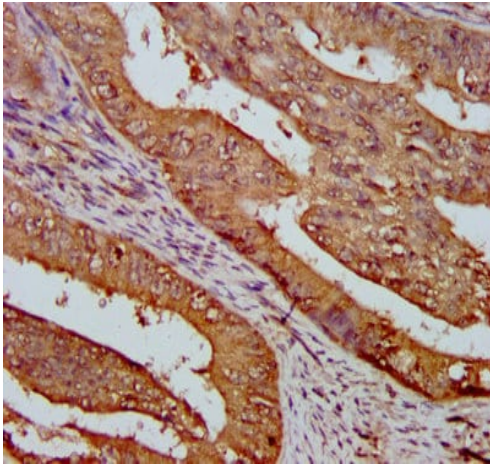


Anti-TMEM161A antibody (ab237533) at 1/500 dilution + Rat liver tissue lysate

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

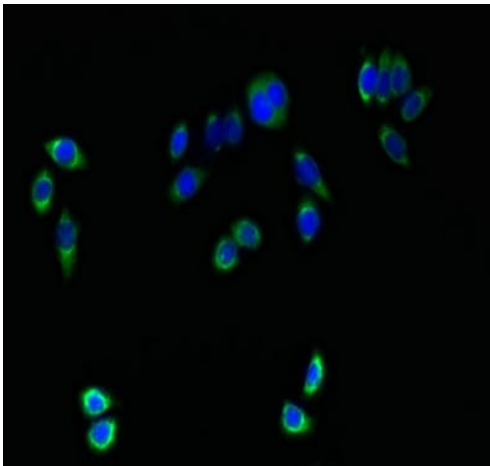
Predicted band size: 54, 42 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TMEM161A antibody (ab237533)

Paraffin-embedded human endometrial cancer tissue stained for TMEM161A with ab237533 at a 1/500 dilution in immunohistochemical analysis.

After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30 minutes at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunocytochemistry/ Immunofluorescence - Anti-TMEM161A antibody (ab237533)

PC-3 (human prostate adenocarcinoma cell line) cells stained for TMEM161A (green) using ab237533 at a 1/100 dilution in ICC/IF. Secondary used is an Alexa-Fluor®488-conjugated Goat Anti-Rabbit IgG (H+L).

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

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- Response to your inquiry within 24 hours
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