

Anti-VDAC2 antibody - C-terminal ab155803

★★★★★ [2 Abreviews](#) [3 Images](#)

Overview

Product name	Anti-VDAC2 antibody - C-terminal
Description	Rabbit polyclonal to VDAC2 - C-terminal
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide, corresponding to a region within C terminal amino acids 233-294 of Human VDAC2 (Uniprot ID P45880)
Positive control	HepG2 and mouse liver whole cell lysate, methanol-fixed HeLa 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. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.00</p> <p>Preservative: 0.025% Proclin 300</p> <p>Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab155803 in the following tested applications.

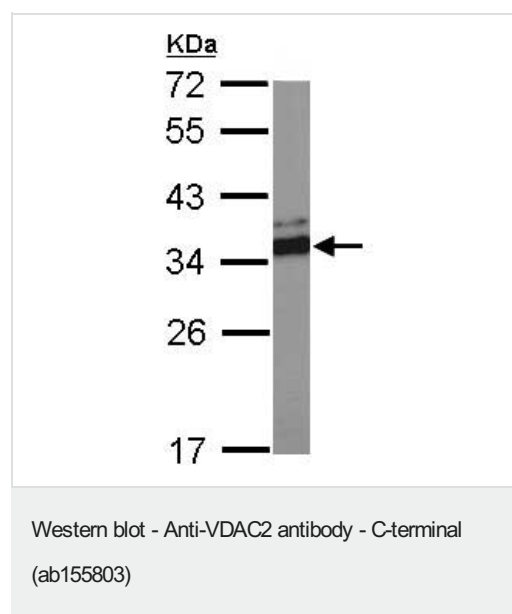
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (2)	1/500 - 1/3000. Predicted molecular weight: 32 kDa.
ICC/IF		1/100 - 1/1000.

Target

Function	Forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules. The channel adopts an open conformation at low or zero membrane potential and a closed conformation at potentials above 30-40 mV. The open state has a weak anion selectivity whereas the closed state is cation-selective.
Tissue specificity	Expressed in all tissues examined.
Sequence similarities	Belongs to the eukaryotic mitochondrial porin family.
Domain	Consists mainly of a membrane-spanning beta-barrel formed by 19 beta-strands.
Cellular localization	Mitochondrion outer membrane.

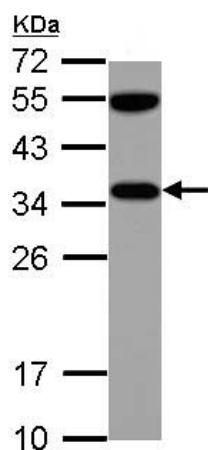
Images



Anti-VDAC2 antibody - C-terminal (ab155803) at 1/1000 dilution +
Mouse liver whole cell lysate at 50 µg

Predicted band size: 32 kDa

12% SDS PAGE

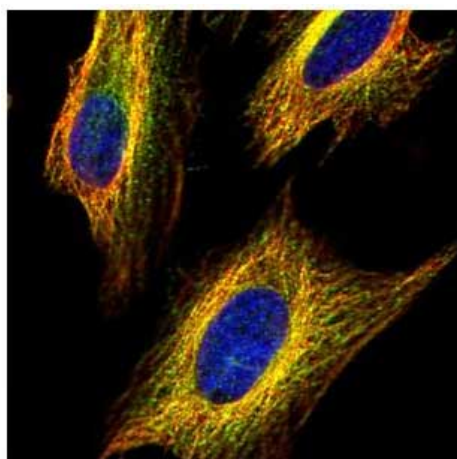


Anti-VDAC2 antibody - C-terminal (ab155803) at 1/1000 dilution +
HepG2 whole cell lysate at 30 µg

Predicted band size: 32 kDa

12% SDS PAGE

Western blot - Anti-VDAC2 antibody - C-terminal
(ab155803)



Confocal immunofluorescence analysis of methanol-fixed HeLa
cells labeling VDAC2 with ab155803 at 1/500 dilution (green).
Alpha-tubulin filament labeling is shown in red.

Immunocytochemistry/ Immunofluorescence - Anti-
VDAC2 antibody - C-terminal (ab155803)

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

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