




Product datasheet

Anti-VDAC2 antibody ab37985

★★★★★ [7 Abreviews](#) [20 References](#) [1 Image](#)

Overview

Product name	Anti-VDAC2 antibody
Description	Goat polyclonal to VDAC2
Host species	Goat
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Rabbit, Cow, Dog, Pig 
Immunogen	Synthetic peptide corresponding to Human VDAC2 aa 250 to the C-terminus (C terminal). Database link: P45880  Run BLAST with  Run BLAST with
Positive control	WB: Human cerebellum cell lysate.
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 and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab37985 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	★★★★★ (7)	Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 32 kDa (predicted molecular weight: 32 kDa). 1 hour primary incubation is recommended for this product.

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.

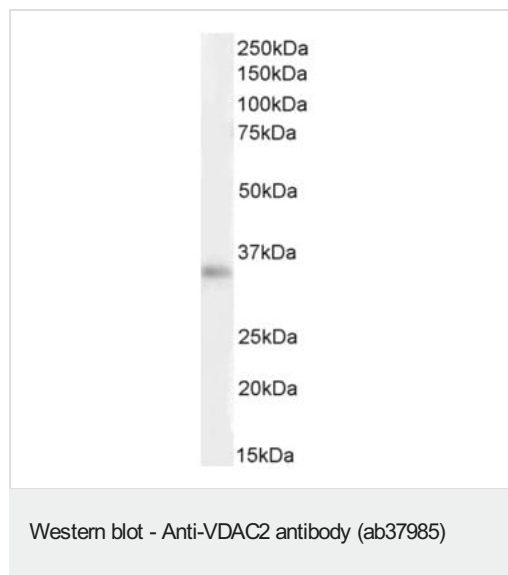
Domain

Consists mainly of a membrane-spanning beta-barrel formed by 19 beta-strands.

Cellular localization

Mitochondrion outer membrane.

Images



Anti-VDAC2 antibody (ab37985) at 1 µg/ml + Human Cerebellum lysate in RIPA buffer at 35 µg

Predicted band size: 32 kDa

Detected by chemiluminescence.

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

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