

Datasheet for ABIN2855930
anti-VDAC2 antibody (C-Term)

5 Images

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Overview

Quantity:	100 µL
Target:	VDAC2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VDAC2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human VDAC2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to VDAC2 (voltage-dependent anion channel 2) VDAC2 antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	VDAC2
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Target Details

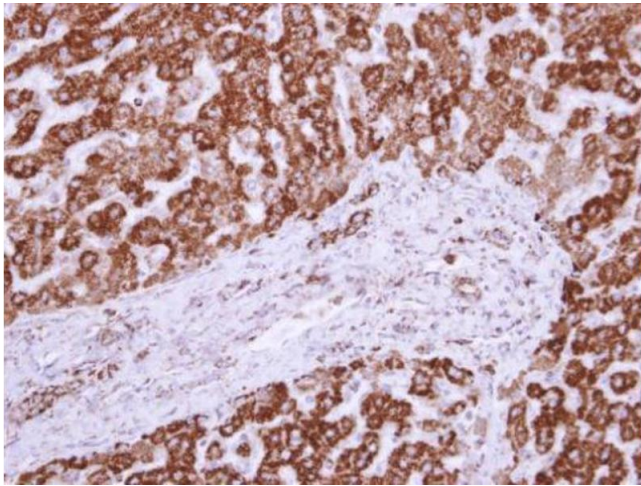
Alternative Name:	voltage dependent anion channel 2 (VDAC2 Products)
Background:	<p>This gene encodes a member of the voltage-dependent anion channel pore-forming family of proteins that are considered the main pathway for metabolite diffusion across the mitochondrial outer membrane. The encoded protein is also thought to be involved in the mitochondrial apoptotic pathway via regulation of BCL2-antagonist/killer 1 protein activity. Pseudogenes have been identified on chromosomes 1, 2, 12 and 21, and alternative splicing results in multiple transcript variants.</p> <p>Cellular Localization: Mitochondrion outer membrane</p>
Molecular Weight:	32 kDa
Gene ID:	7417
UniProt:	P45880

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Restrictions:	For Research Use only

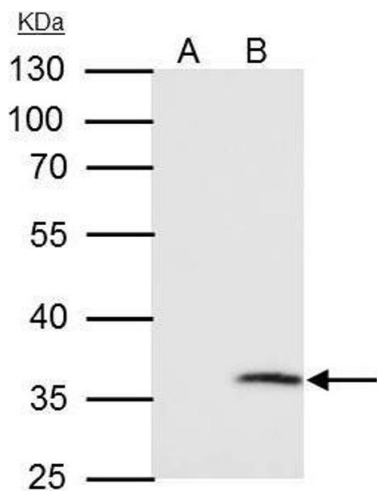
Handling

Format:	Liquid
Concentration:	0.95 mg/mL
Buffer:	1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



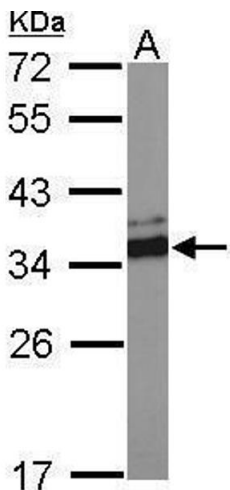
Immunohistochemistry

Image 1. IHC-P Image VDAC2 antibody [C2C3], C-term detects VDAC2 protein at mitochondria on human normal liver by immunohistochemical analysis. Sample: Paraffin-embedded normal liver. VDAC2 antibody [C2C3], C-term , dilution: 1:250.



Immunoprecipitation

Image 2. IP Image VDAC2 antibody [C2C3], C-term immunoprecipitates VDAC2 protein in IP experiments. IP samples: HepG2 whole cell extract A. Control with 4 µg of preimmune Rabbit IgG B. Immunoprecipitation of VDAC2 protein by 4 µg VDAC2 antibody [C2C3], C-term , 10 % SDS-PAGE The immunoprecipitated VDAC2 protein was detected by VDAC2 antibody [C2C3], C-term , diluted at 1:1000. [EasyBlot anti-rabbit IgG was used as a secondary reagent]



Western Blotting

Image 3. WB Image Sample (50 ug of whole cell lysate) A: mouse liver 12% SDS PAGE antibody diluted at 1:1000

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2855930.