VDAC2 polyclonal antibody

This antibody detects Voltage-Dependent Anion Channel 2 (VDAC2), which is involved in mitochondrial permeability and apoptosis regulation.

VDAC2 is a mitochondrial outer membrane protein involved in metabolic regulation and apoptosis. It interacts with apoptotic proteins like Bcl-2 and Bax, making it an important target in cancer and neurodegenerative diseases.

This antibody is covered by our Worry-Free Guarantee.

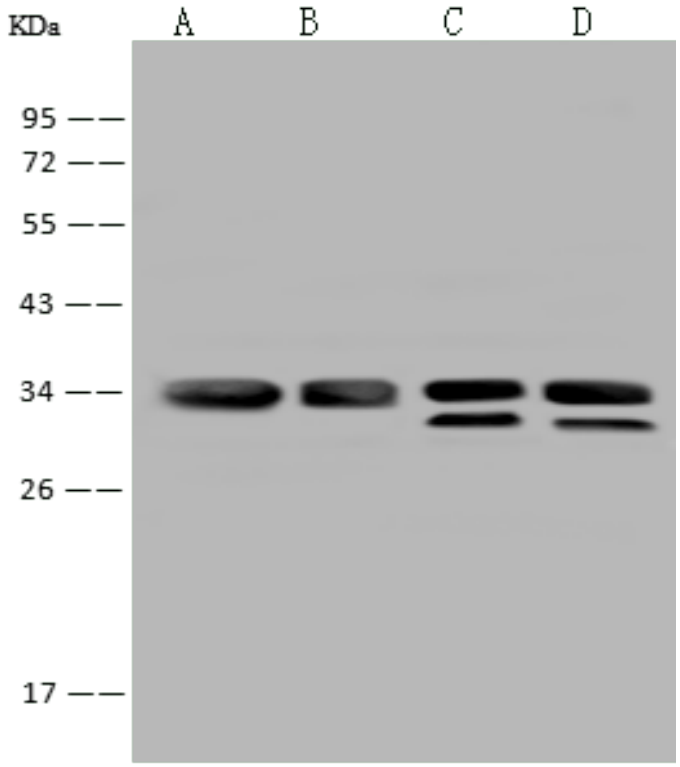
Ordering Information

Order Online »

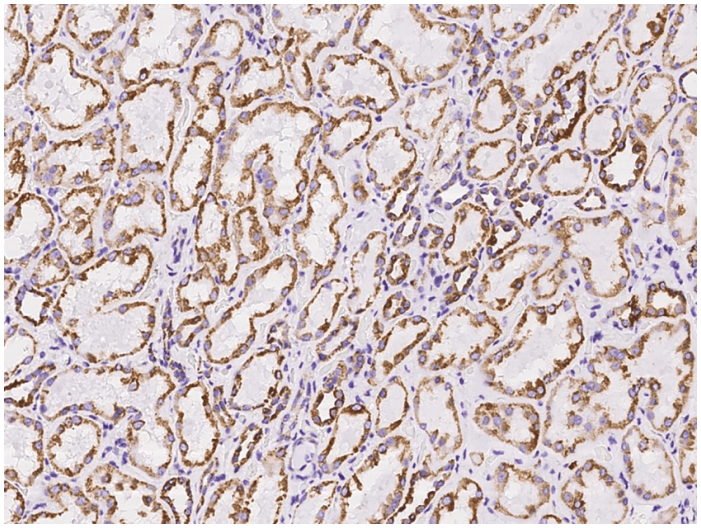
ENZ-ABS1072-0100	100µl

Manuals, SDS & CofA

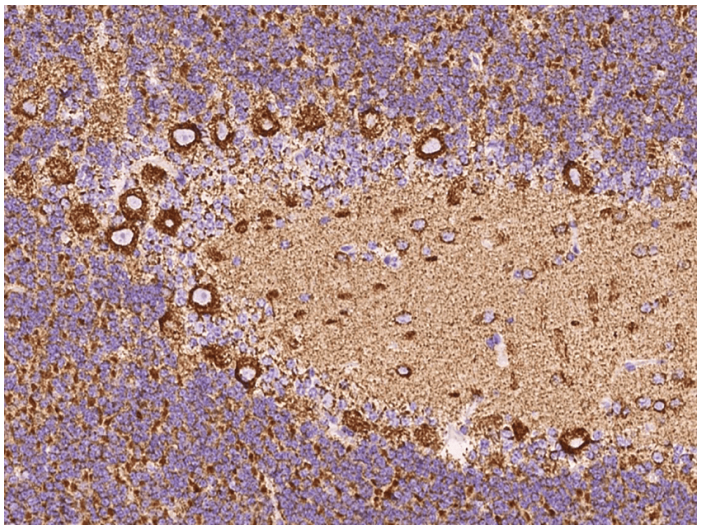
View Online »



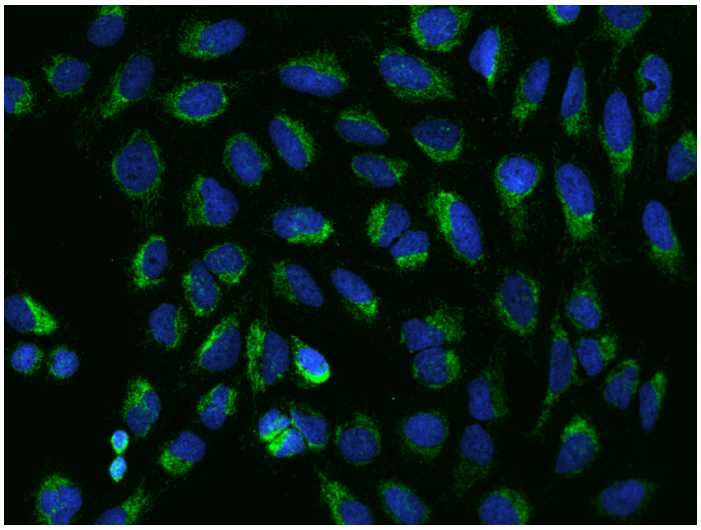
Western blot analysis of various lysates using VDAC2 rabbit polyclonal antibody (ENZ-ABS1072) at 1:500 dilution. Secondaryu Antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1:10’000 dilution. Lane A: HeLa Whole Cell Lysate, Lane B: HepG2 Whole Cell Lysate, Lane C: HCT116 Whole Cell Lysate, Lane D: U-251 MG Whole Cell Lysate. Lysates/proteins at 30 µg per lane.



Immunochemical staining of human VDAC2 in human kidney with VDAC2 rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



Immunochemical staining of human VDAC2 in cynomolgus cerebellum with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



Immunofluorescence staining of VDAC2 in U2OS cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit VDAC2 polyclonal antibody (dilution ratio 1:200) at 4°C overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).Positive staining was localized to Cytoplasm.

Handling & Storage

Handling	Avoid freeze-thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Non-selective voltage-gated ion channel VDAC2
Application	ICC, IF, IHC (PS), WB
Formulation	Liquid. In PBS, pH 7.0, with 0.03% Proclin300. Carrier-free.
Host	Rabbit
Immunogen	E. coli-derived human VDAC2 fragment.
Isotype	IgG
Purity Detail	Protein A & antigen affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1:500-1:2'000) Immunocytochemistry/Immuofluorescence (1:100-1:500) Immunohistochemistry (paraffin sections) (1:50-1:200) Suggested dilutions/conditions may not be available for all applications. Optimal conditions must be determined individually for each application.
Species Reactivity	Cynomolgus, Human
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

Last modified: March 28, 2025

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
Fax:
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.