

VDAC Polyclonal Antibody

Product Details

Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to the center region of the Human VDAC1
Form	Liquid
Concentration	1 mg/mL
Storage conditions	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C
RRID	AB_2788517

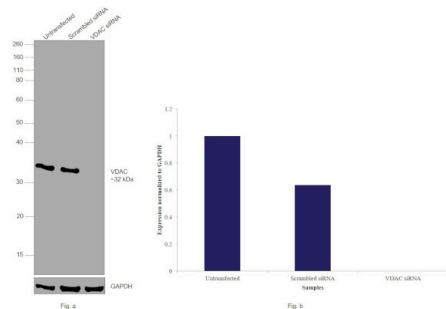
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:500-1:3,000	-
Immunocytochemistry (ICC/IF)	5 µg/mL	-
Immunoprecipitation (IP)	1-4 µL/mg of lysate	-

Product Specific Information

This product is preservative free. It is recommended to add sodium azide to avoid contamination (final concentration 0.05%-0.1%).

This antibody has specificity for Human Porin/VDAC1.

Advanced Verification Data



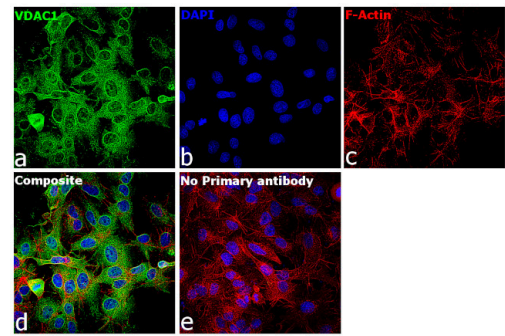
VDAC Antibody (PA5-81300)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. A-431 cells were transfected with Voltage-dependent anion-selective channel protein 1 siRNA and decrease in signal intensity was observed in Western Blot application using Anti-VDAC Polyclonal Antibody (Product # PA5-81300). Knockdown validation info.

Product Images For VDAC Polyclonal Antibody

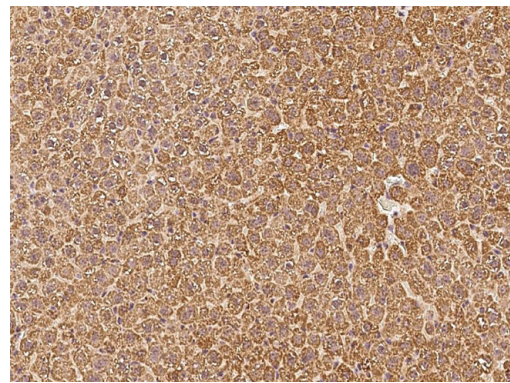
VDAC Antibody (PA5-81300) in ICC/IF

Immunofluorescence analysis of Voltage-dependent anion-selective channel protein 1 was performed using 70% confluent log phase Hep G2 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with VDAC Polyclonal Antibody (Product # PA5-81300, 1:100) in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790, 1/2000), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b:Blue) were stained with Hoechst 33342 (Product # H1399). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing cytoplasmic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 40X magnification in CellInsight CX7 LZR High-Content Screening (HCS) Platform (Product # CX7C1115LZR).



VDAC Antibody (PA5-81300) in IHC (P)

Immunohistochemical staining of VDAC in human skeletal muscle with VDAC Polyclonal Antibody (Product # PA5-81300, 1:2,000 dilution, formalin-fixed paraffin embedded sections).



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