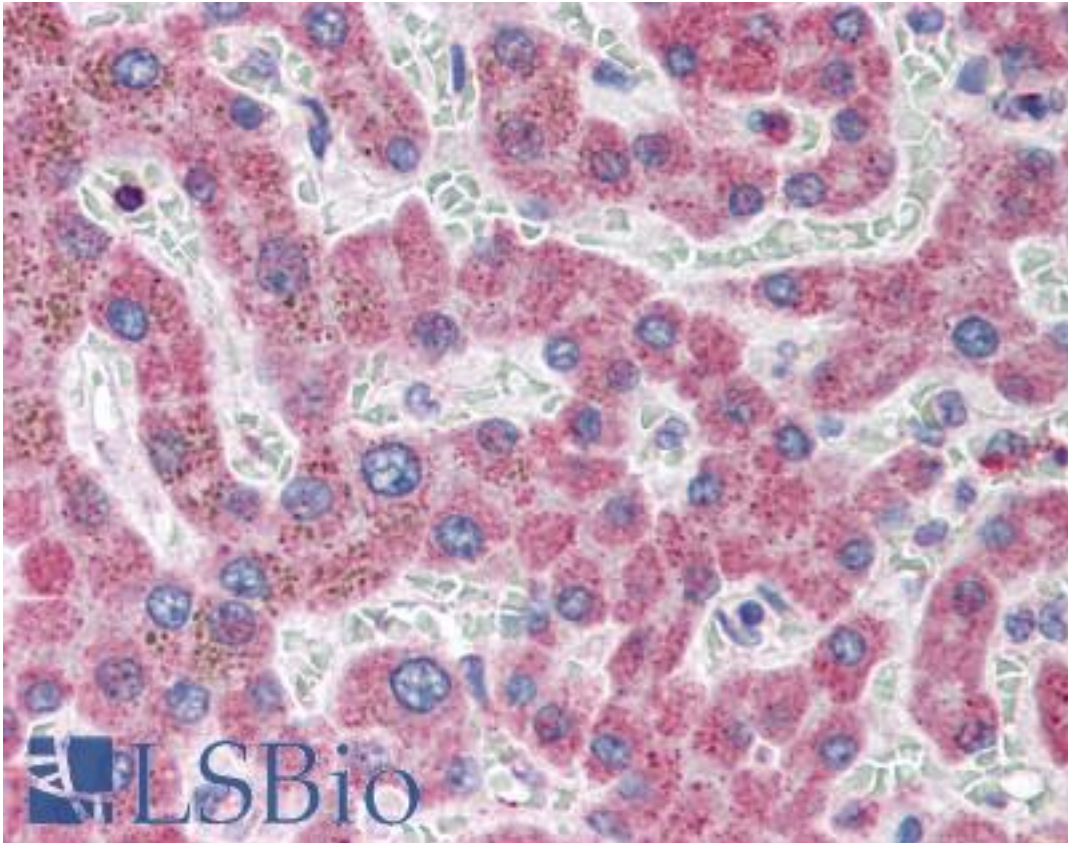


VDAC1 / PORIN Rabbit anti-Human Polyclonal (aa185-197) Antibody - LS-B435 - LSBio

CatalogID:	LS-B435
Validation:	This antibody replaces catalog number LS-C18921. It has been validated for use in the following assays: IHC.
Target:	voltage-dependent anion channel 1 (VDAC1)
Synonyms:	VDAC1 Antibody, HVDAC1 Antibody, Plasmalemmal porin Antibody, Porin 31HM Antibody, PORIN Antibody, PORIN-31-HL Antibody, Vdac5 Antibody, VDAC Antibody, Mitochondrial porin Antibody, Porin 31HL Antibody, VDAC-1 Antibody
Family / Subfamily:	Ion Channel / VDAC porin
Host	VDAC1 antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	VDAC1 / PORIN antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	VDAC1 / PORIN antibody was raised against synthetic peptide from human VDAC1.
Specificity:	Amino acids 185-197 of Human VDAC1/Porin1.
Epitope:	aa185-197
Reactivity:	Human
Purification:	Immunoaffinity purified
Presentation:	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Recommended Storage:	+4°C or -20°C, Avoid repeated freezing and thawing.
Usage Summary:	Immunohistochemistry: LS-B435 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B435 was determined to be 2.5 ug/ml.
Uses:	IHC - Paraffin (2.5 µg/ml), Western blot (1:500 - 1:2000), ELISA (1:10000 - 1:40000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.69 mg/ml

Immunohistochemistry Image:



Anti-VDAC1 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B435 concentration 5 ug/ml.

Western Blot Image:



Anti-VDAC/Porin Antibody - Western Blot. Western blot of Affinity Purified anti-VDAC/Porin antibody detects a single band at ~32 kD corresponding to VDAC/Porin (arrowhead) present in a rat heart whole cell lysate. Approximately 35 ug of lysate was separated on a 4-20% Tris-Glycine gel by SDS-PAGE and transferred onto nitrocellulose. After blocking, the membrane was probed with the primary antibody diluted to 1:1200 at 4C overnight. Washes were followed by reaction with a 1:10000 dilution of IRDye800 conjugated Gt-a-Rabbit IgG [H&L] MXHu (for 45 min at room temperature. IRDye800 fluorescence image was captured using the Odyssey Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Other detection systems will yield similar results.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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