

Rabbit anti-Human Porin/VDAC1 Polyclonal Antibody | anti-VDAC1 antibody

Anti-Porin/VDAC1 Antibody, Rabbit Polyclonal

CATALOG # AAA258512	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

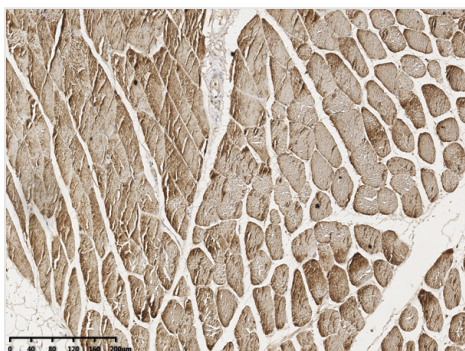
PRODUCT SYNONYMS

Porin/VDAC1; Polyclonal Antibody; Anti-Porin/VDAC1 Antibody; Rabbit Polyclonal; Porin/VDAC1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-PORIN Antibody; Anti-VDAC-1 Antibody; voltage-dependent anion channel 1; anti-VDAC1 antibody

PRODUCT SPECIFICATIONS

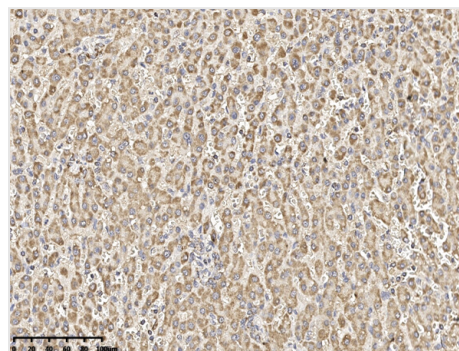
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Porin/VDAC1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-VDAC1 antibody	IHC (Immunohistochemistry)
Conjugation	Unconjugated
Immunogen	A synthetic peptide corresponding to the center region of the Human Porin/VDAC1
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human Porin/VDAC1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human Porin/VDAC1 in human skeletal muscle with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human Porin/VDAC1 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-VDAC1 antibody	VDACs, or Voltage-Dependent Anion Channels are the most abundant pore-forming proteins of the Mitochondrial Outer Membrane (MOM). High conserved through evolution, in mammals three distinct genes encode for three different VDAC isoforms, namely VDAC1, VDAC2, and VDAC3. VDAC1 serves as the main gate in the MOM for metabolites, such as ATP/ADP and NAD ⁺ /NADH, but also Krebs cycle's intermediates, cholesterol and glutamate. Furthermore, by interaction with many cytosolic enzymes, such as Hexokinases (HK), Glucokinase (GK), and Creatine Kinase (CK), VDAC1 provides the ATP source essential for enzyme's activity. In addition, VDAC1 represents a hub protein that interacts with over 150 other proteins including phosphorylated tau, Abeta, and gamma-secretase, and participates in their toxicity. Therefore, regulation of VDAC1 is crucial not only for metabolic functions of mitochondria, but also for cell survival.
---	--

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/porin-vdac1-antibody-immunohistochemistry-elisa/258512>