



VDAC1 rabbit pAb

Cat#: orb766995 (Manual)

For research use only. Not intended for diagnostic use.

Product Name VDAC1 rabbit pAb

Host species Rabbit

Applications WB;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other

applications.

Immunogen The antiserum was produced against synthesized peptide derived from the N-

terminal region of human VDAC1. AA range: 1-50

Specificity VDAC1 Polyclonal Antibody detects endogenous levels of VDAC1 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium

azide..

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Voltage-dependent anion-selective channel protein 1

Gene Name VDAC1

Cellular localization Mitochondrion outer membrane; Multi-pass membrane protein. Cell

membrane; Multi-pass membrane protein. Membrane raft; Multi-pass

membrane protein.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.





Polyclonal **Clonality**

Concentration 1 mg/ml

Observed band 31kD

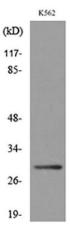
7416 **Human Gene ID**

Human Swiss-Prot Number P21796

VDAC1; VDAC; Voltage-dependent anion-selective channel protein 1; VDAC-1; hVDAC1; Outer mitochondrial membrane protein porin 1; Plasmalemmal porin; Porin 31HL; Porin 31HM **Alternative Names**

This gene encodes a voltage-dependent anion channel protein that is a major component of the outer mitochondrial membrane. The encoded protein facilitates the exchange of metabolites and ions across the outer Background

mitochondrial membrane and may regulate mitochondrial functions. This protein also forms channels in the plasma membrane and may be involved in transmembrane electron transport. Alternate splicing results in multiple transcript variants. Multiple pseudogenes of this gene are found on chromosomes 1, 2 3, 6, 9, 12, X and Y.[provided by RefSeq, Sep 2010],



Western blot analysis of lysate from K562 cells, using VDAC1 Antibody.