

VDAC1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 31 kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human VDAC1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

PORIN; VDAC-1;

Catalog #: A11242

Antibody Type:

Monoclonal Antibody

Species: Rabbit

Gene ID: 7416

Isotype: IgG

Swiss Prot: P21796

Purity: Affinity purification

For research use only.

Background:

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 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.

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