

## 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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