

## VDAC3

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:20 - 1:200

**Calculated MW:** 31kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic Peptide of human VDAC3

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

ghi

**Synonym:**

VDAC-3; HD-VDAC3;

**Catalog #:** A4183

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 7419

**Isotype:** IgG

**Swiss Prot:** Q9Y277

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes a voltage-dependent anion channel (VDAC), and belongs to the mitochondrial porin family. VDACs are small, integral membrane proteins that traverse the outer mitochondrial membrane and conduct ATP and other small metabolites. They are known to bind several kinases of intermediary metabolism, thought to be involved in translocation of adenine nucleotides, and are hypothesized to form part of the mitochondrial permeability transition pore, which results in the release of cytochrome c at the onset of apoptotic cell death. Alternatively transcript variants encoding different isoforms have been described for this gene.

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