

**VDAC3 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17092c****Specification**

---

**VDAC3 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q9Y277](#)**VDAC3 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 7419**Other Names**

Voltage-dependent anion-selective channel protein 3, VDAC-3, hVDAC3, Outer mitochondrial membrane protein porin 3, VDAC3

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**VDAC3 Antibody (Center) Blocking Peptide - Protein Information****Name** VDAC3**Function**

Forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules (By similarity). Involved in male fertility and sperm mitochondrial sheath formation (By similarity).

**Cellular Location**

Mitochondrion outer membrane {ECO:0000250|UniProtKB:P21796}. Membrane Note=May localize to non-mitochondrial membranes

**Tissue Location**

Expressed in erythrocytes (at protein level) (PubMed:27641616). Widely expressed. Highest in testis (PubMed:9781040).

**VDAC3 Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **VDAC3 Antibody (Center) Blocking Peptide - Images**

### **VDAC3 Antibody (Center) Blocking Peptide - Background**

VDAC3 belongs to a group of mitochondrial membrane channels involved in translocation of adenine nucleotides through the outer membrane. These channels may also function as a mitochondrial binding site for hexokinase (see HK1; MIM 142600) and glycerol kinase (GK; MIM 300474) (Rahmani et al., 1998). [supplied by OMIM].

### **VDAC3 Antibody (Center) Blocking Peptide - References**

Reina, S., et al. FEBS Lett. 584(13):2837-2844(2010) Lefievre, L., et al. Proteomics 7(17):3066-3084(2007) Lamesch, P., et al. Genomics 89(3):307-315(2007) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)