

## Datasheet for ABIN7232082 **anti-VDAC3 antibody**



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### Overview

Quantity:	100 µL
Target:	VDAC3
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

### Product Details

Purpose:	VDAC3 Polyclonal Antibody
Immunogen:	Synthesized peptide derived from part region of human VDAC3 protein
Isotype:	IgG
Specificity:	The antibody detects endogenous levels of VDAC3 protein
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen

### Target Details

Target:	VDAC3
Alternative Name:	VDAC3 ( <a href="#">VDAC3 Products</a> )
Background:	Rabbit Anti-VDAC3 Polyclonal Antibody, Voltage-dependent anion-selective channel protein 3, VDAC-3, hVDAC3, Outer mitochondrial membrane protein porin 3, VDAC3 (Voltage Dependent Anion Channel 3) is a Protein Coding gene. Among its related pathways are Calcium signaling

## Target Details

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pathway and Deubiquitination. VDAC3 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 VDAC3.,VDAC3

Molecular Weight: observed band 31kDa

Gene ID: 7419

UniProt: [Q9Y277](#)

## Application Details

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Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:5000-1:20000).

Comment: Primary Antibody

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, pH 7.4, containing 0.02 % Sodium Azide as preservative and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.