

# VDAC1 / Porin Rabbit pAb

Catalog No.: A13638 **1 Publications**

## Basic Information

### Observed MW

35kDa

### Calculated MW

31kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## 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.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

7416

### Swiss Prot

P21796

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-283 of human VDAC1 / Porin (NP\_003365.1).

### Synonyms

PORIN; VDAC-1; VDAC1 / Porin

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

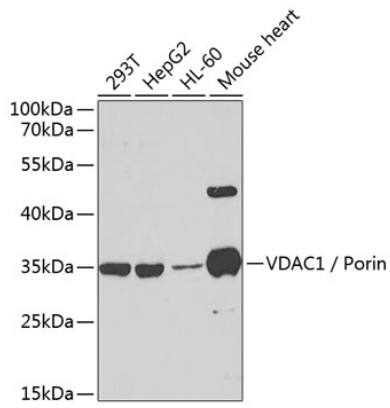
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of various lysates using VDAC1 / Porin Rabbit pAb (A13638) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.