

A0810

Leader in Biomolecular Solutions for Life Science



## VDAC1 / Porin Rabbit pAb

Catalog No.: A0810

10 Publications

### Basic Information

#### Observed MW

32kDa

#### Calculated MW

31kDa

#### Category

Polyclonal Antibody

#### Applications

WB, IHC-P, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### 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	1:100 - 1:500
IHC-P	1:50 - 1:200

### 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



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

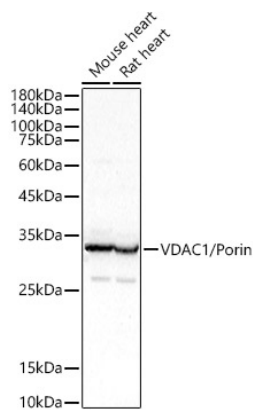
Affinity purification

#### Storage

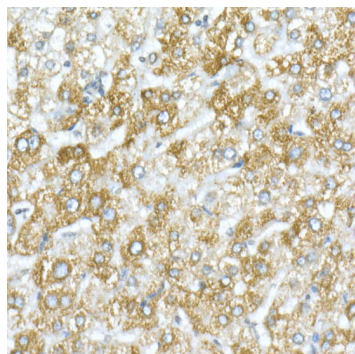
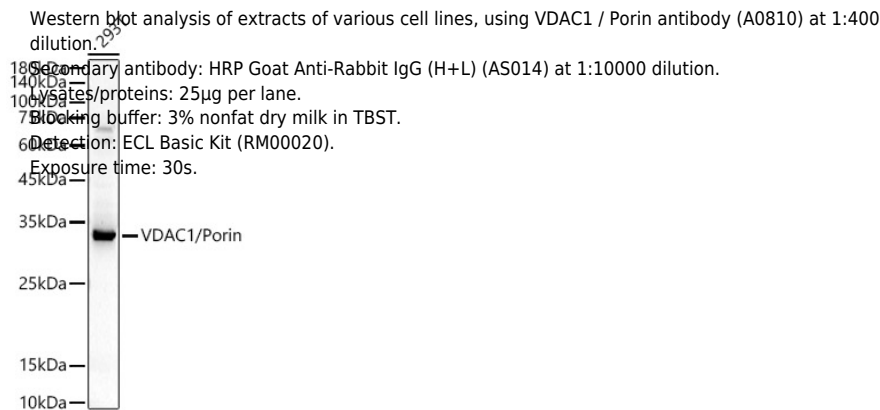
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

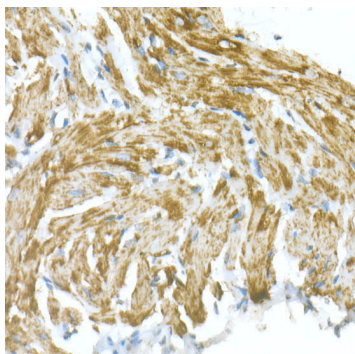
Validation Data



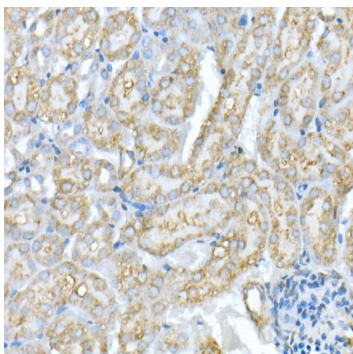
Western blot analysis of extracts of various cell lines, using VDAC1 / Porin antibody (A0810) at 1:400 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded human liver using VDAC1 / Porin Rabbit pAb (A0810) at dilution of 1:20 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse heart using VDAC1 / Porin Rabbit pAb (A0810) at dilution of 1:20 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat liver using VDAC1 / Porin Rabbit pAb (A0810) at dilution of 1:20 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.