

A11242

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## VDAC1 / Porin Rabbit mAb

Catalog No.: A11242

Recombinant

2 Publications

### Basic Information

#### Observed MW

36kDa

#### Calculated MW

31kDa

#### Category

SMab Recombinant Monoclonal 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	1:500 - 1:2000
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

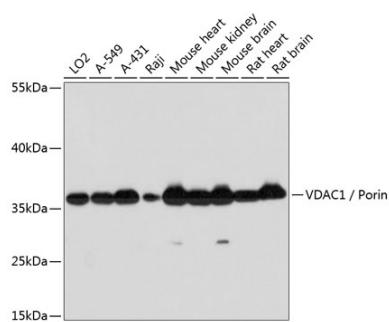
Affinity purification

#### Storage

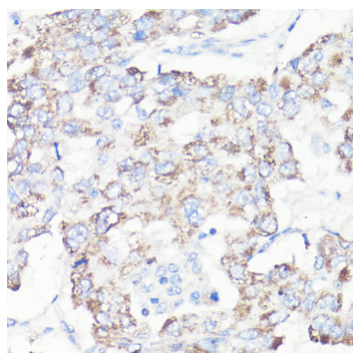
Store at -20°C. Avoid freeze / thaw cycles.

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

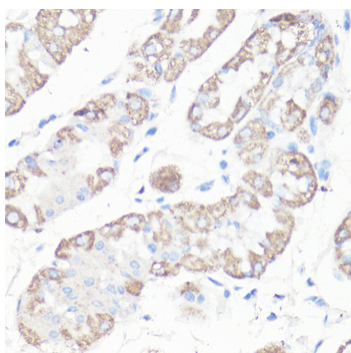
## Validation Data



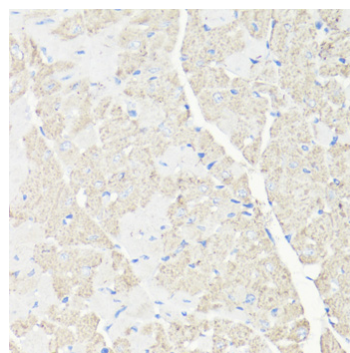
Western blot analysis of various lysates using VDAC1 / Porin Rabbit mAb (A11242) at 1:1000 dilution.  
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 10s.



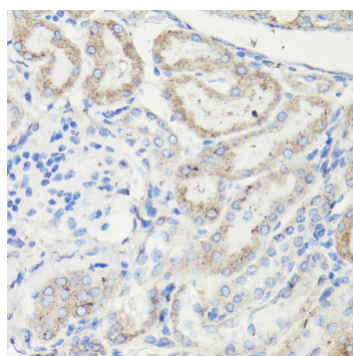
Immunohistochemistry analysis of VDAC1 / Porin in paraffin-embedded human liver cancer using VDAC1 / Porin Rabbit mAb (A11242) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of VDAC1 / Porin in paraffin-embedded human stomach using VDAC1 / Porin Rabbit mAb (A11242) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of VDAC1 / Porin in paraffin-embedded mouse heart using VDAC1 / Porin Rabbit mAb (A11242) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of VDAC1 / Porin in paraffin-embedded mouse kidney using VDAC1 / Porin Rabbit mAb (A11242) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.