

VDAC1 / Porin Rabbit Polyclonal Antibody



CAB13638

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

35kDa

Calculated MW:

30kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse

Protein 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.

Immunogen information

Gene ID:

7416

Uniprot

P21796

Synonyms:

PORIN; VDAC-1; VDAC1; VDAC1 / Porin

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

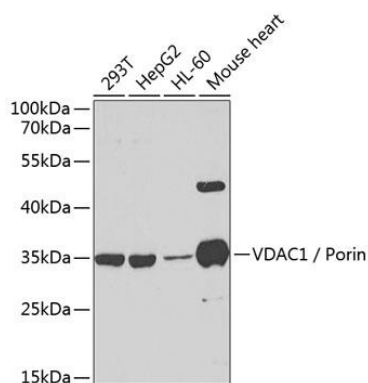
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-283 of human VDAC1 / Porin (NP_003365.1).

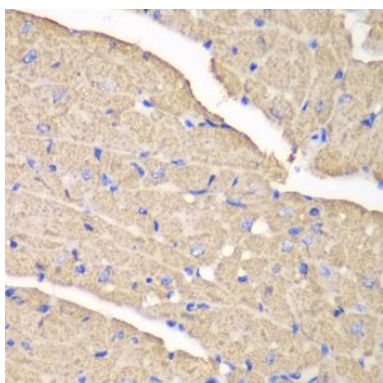
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

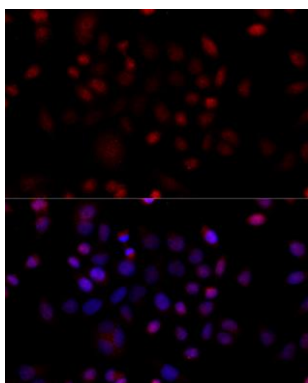
Product Images



Western blot analysis of extracts of various cell lines, using VDAC1 / Porin antibody (CAB13638) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffin-embedded mouse heart using VDAC1 / Porin antibody (CAB13638) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of HeLa cells using VDAC1 / Porin antibody (CAB13638) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.