

VDAC2 Monoclonal antibody

Catalog Number: 66388-1-Ig 2 Publications

Basic Information

Catalog Number:

66388-1-Ig

Size:

1500 µg/ml

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

NM_003375

GeneID (NCBI):

7417

UNIPROT ID:

P45880

Full Name:

voltage-dependent anion channel 2

Calculated MW:

33 kDa

Observed MW:

30-33 kDa

Purification Method:

Protein G purification

CloneNo.:

1D8C11

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells, ROS1728 cells

IHC : human heart tissue, human kidney tissue, human liver tissue

Background Information

VDAC2 belongs to the eukaryotic mitochondrial porin family. It forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules.

Notable Publications

Author	Pubmed ID	Journal	Application
Fuhao Huang	35853302	Phytomedicine	WB, IHC
Yanbo Xie	35466412	Drug Dev Res	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

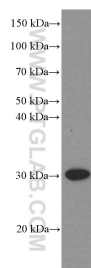
For technical support and original validation data for this product please contact:

T: 4006900926

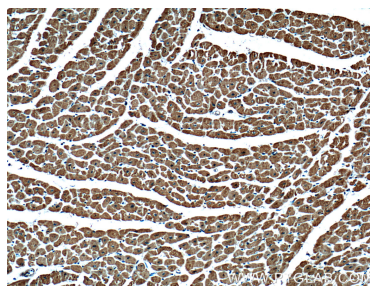
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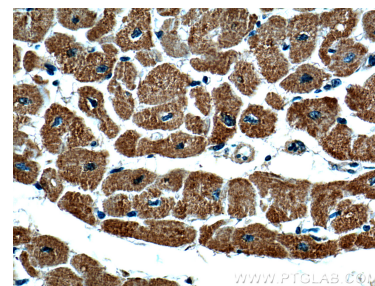
Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 66388-1-Ig (VDAC2 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 66388-1-Ig (VDAC2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 66388-1-Ig (VDAC2 Antibody) at dilution of 1:200 (under 40x lens).