

For Research Use Only

VDAC3 Polyclonal antibody

Catalog Number: 14451-1-AP

10 Publications



Basic Information

Catalog Number:

14451-1-AP

Size:

220 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5960

GenBank Accession Number:

BC056870

GeneID (NCBI):

7419

UNIPROT ID:

Q9Y277

Full Name:

voltage-dependent anion channel 3

Calculated MW:

31 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

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 : mouse heart tissue, human brain tissue, human heart tissue, mouse brain tissue

IHC : human liver cancer tissue, human osteosarcoma tissue

Background Information

VDAC3 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 |
|----------------------|-----------|------------------------|-------------|
| Bruna Rodrigues Muys | 31101765 | Cancer Res | WB |
| Yan Qin | 32679544 | Mol Ther Nucleic Acids | WB |
| Alu Konno | 27257088 | J Cell Sci | 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:

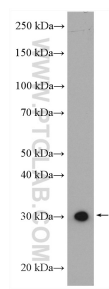
T: 4006900926

E: Proteintech-CN@ptglab.com

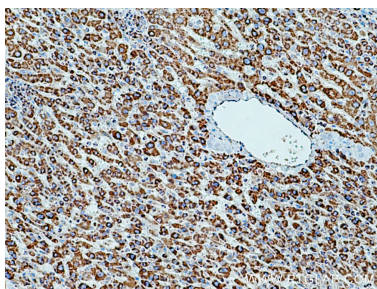
W: ptgcn.com

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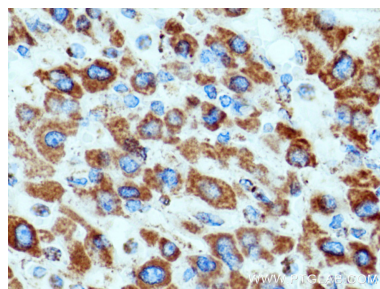
Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 14451-1-AP (VDAC3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14451-1-AP (VDAC3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14451-1-AP (VDAC3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).