

For Research Use Only

VDAC3 Polyclonal ANTIBODY



Catalog Number: 14451-1-AP

5 Publications

Basic Information

Catalog Number:
14451-1-AP

Size:
33 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AC5960

GenBank Accession Number:
BC056870

GeneID (NCBI):
7419

Full Name:
voltage-dependent anion channel 3

Calculated MW:
31 kDa

Observed MW:
30 kDa

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human,mouse,rat

Cited Species:

human

**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 : human heart tissue; human 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 Muis	31101765	Cancer Res	WB
Alu Konno	27257088	J Cell Sci	WB
Pengli Zheng	30030520	Cell 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

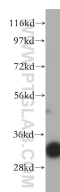
For technical support and original validation data for this product please contact:

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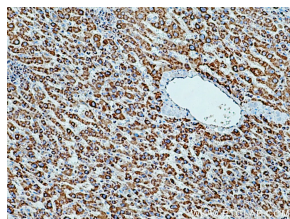
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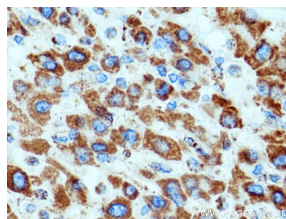
Selected Validation Data



human heart tissue were subjected to SDS PAGE followed by western blot with 14451-1-AP(VDAC3 antibody) at dilution of 1:500 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 retrieved with Tris-EDTA buffer(pH9).



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 retrieved with Tris-EDTA buffer(pH9).