

For Research Use Only

VDAC3 Recombinant antibody

Catalog Number: 82666-14-RR

Featured Product



Basic Information

Catalog Number:

82666-14-RR

Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_005662

GeneID (NCBI):

7419

UNIPROT ID:

Q9Y277

Full Name:

voltage-dependent anion channel 3

Calculated MW:

31 kDa

Observed MW:

31 kDa

Purification Method:

Protein A purification

CloneNo.:

230451C7

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:500-1:2000

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

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 : HepG2 cells, HEK-293T cells, NIH/3T3 cells, HeLa cells, A431 cells, mouse heart tissue, mouse testis tissue

IHC : human ovary cancer 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. This antibody is specific to VDAC3.

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

*** 20ul sizes contain 0.1% BSA

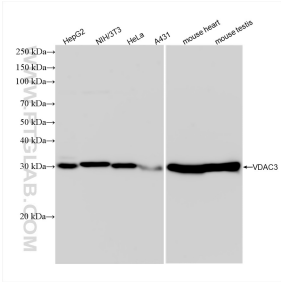
For technical support and original validation data for this product please contact:

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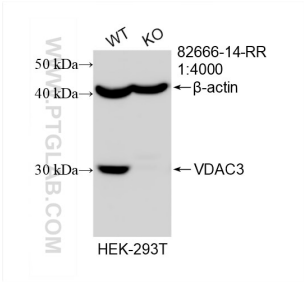
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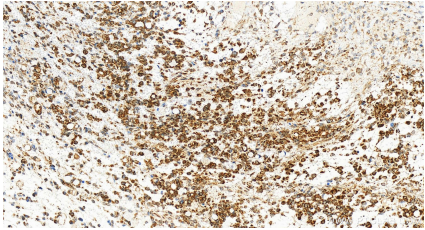
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82666-14-RR (VDAC3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



WB result of VDAC3 antibody (82666-14-RR; 1:4000; room temperature for 1.5 hours) with wild-type and VDAC3 knockout HEK-293T cells.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 82666-14-RR (VDAC3 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).