

For Research Use Only

VDAC3 Polyclonal ANTIBODY



Catalog Number: 55260-1-AP

Basic Information

Catalog Number:

55260-1-AP

Size:

150UL, Concentration: 367 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_005662

GeneID (NCBI):

7419

Full Name:

voltage-dependent anion channel 3

Calculated MW:

31 kDa

Observed MW:

31 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 µg for IP and 1:200-1:1000 for WB

IHC 1:20-1:200

Applications

Tested Applications:

IHC, IP, WB, ELISA

Species Specificity:

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: A431 cells, mouse testis tissue

IP: mouse testis tissue,

IHC: human testis 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.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

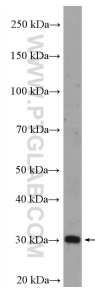
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

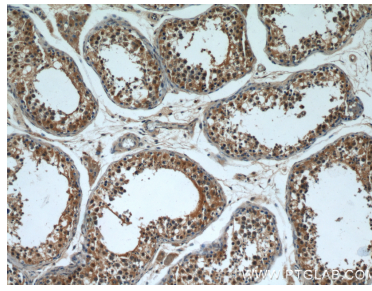
E: proteintech@ptglab.com
W: ptglab.com

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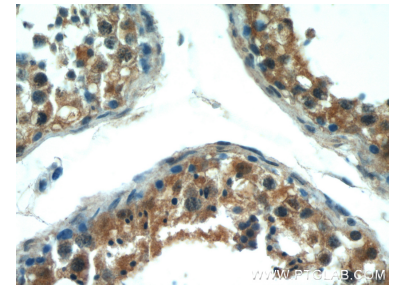
Selected Validation Data



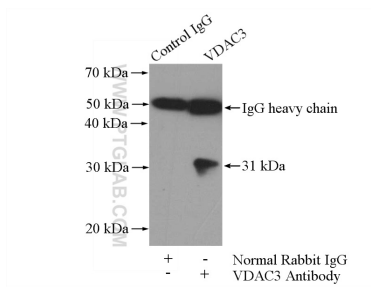
A431 cells were subjected to SDS PAGE followed by western blot with 55260-1-AP (VDAC3 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 55260-1-AP (VDAC3 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 55260-1-AP (VDAC3 antibody) at dilution of 1:50 (under 40x lens).



IP Result of anti-VDAC3 (IP:55260-1-AP, 4ug; Detection:55260-1-AP 1:300) with mouse testis tissue lysate 4800ug.