

For Research Use Only

# VDAC2 Polyclonal antibody

Catalog Number: 55261-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 55261-1-AP	<b>GenBank Accession Number:</b> NM_003375	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7417	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> voltage-dependent anion channel 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 33 kDa	
	<b>Observed MW:</b> 31-33 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, mouse brain tissue, HuH-7 cells IHC : human kidney tissue, human heart tissue
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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. This antibody is specific to VDAC2.

## Notable Publications

Author	Pubmed ID	Journal	Application
Meiying Yang	32901466	Cell Physiol Biochem	WB

## Storage

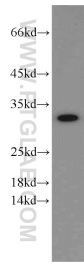
**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

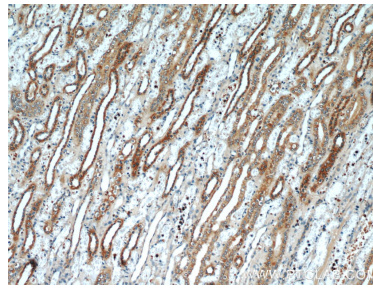
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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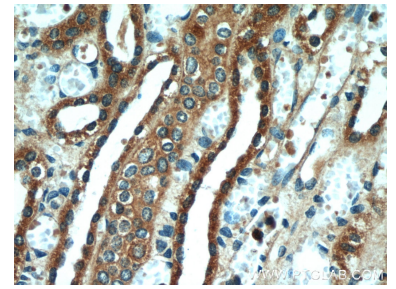
## Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 55261-1-AP (VDAC2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 55261-1-AP (VDAC2 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 55261-1-AP (VDAC2 antibody) at dilution of 1:50 (under 40x lens).