

For Research Use Only

VDAC2 Monoclonal antibody

Catalog Number: 66388-1-Ig **2 Publications**



Basic Information

Catalog Number: 66388-1-Ig	GenBank Accession Number: NM_003375	Purification Method: Protein G purification
Size: 150ul, Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7417	CloneNo.: 1D8C11
Source: Mouse	Full Name: voltage-dependent anion channel 2	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Isotype: IgG1	Calculated MW: 33 kDa	
	Observed MW: 30-33 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HEK-293 cells, ROS1728 cells
Cited Applications: IHC, WB	IHC : human heart tissue, human kidney tissue, human liver tissue
Species Specificity: human, mouse, rat	
Cited Species: 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	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Fuhao Huang	35853302	Phytomedicine	WB, IHC
Yanbo Xie	35466412	Drug Dev Res	WB

Storage

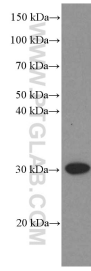
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

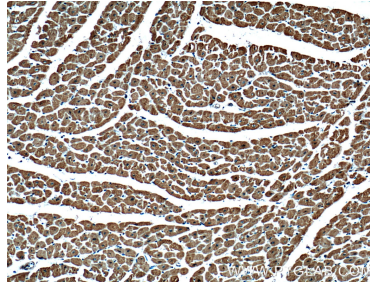
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

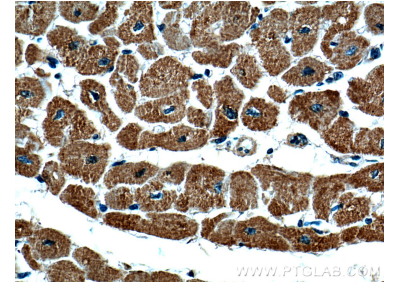
Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 66388-1-Ig (VDAC2 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 66388-1-Ig (VDAC2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 66388-1-Ig (VDAC2 Antibody) at dilution of 1:200 (under 40x lens).