

For Research Use Only

VDAC2 Monoclonal antibody

Catalog Number: 66388-1-Ig **6 Publications**



Basic Information

Catalog Number: 66388-1-Ig	GenBank Accession Number: NM_003375	Purification Method: Protein G purification
Source: Mouse	GeneID (NCBI): 7417	CloneNo.: 1D8C11
Isotype: IgG1	UNIPROT ID: P45880	Recommended Dilutions: WB: 1:1000-1:4000 IHC: 1:50-1:500
	Full Name: voltage-dependent anion channel 2	
	Calculated MW: 33 kDa	
	Observed MW: 30-33 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : HEK-293 cells, ROS1728 cells
Cited Applications: WB, IHC	IHC : human heart tissue, human kidney tissue, human liver tissue
Species Specificity: human	
Cited Species: human, rat	
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
Yanbo Xie	35466412	Drug Dev Res	WB
Changqing Wen	40550297	J Ethnopharmacol	IHC
Su Jin Ham	40505663	Mol Cell	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

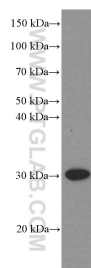
T: 4006900926

E: Proteintech-CN@ptglab.com

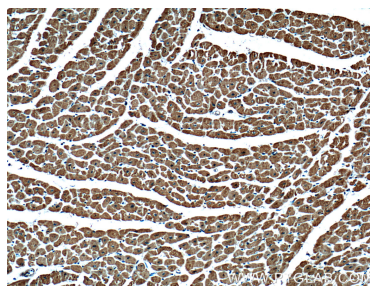
W: ptgcn.com

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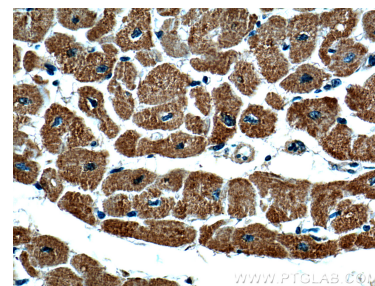
Selected Validation Data



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).