



VDAC3 Monoclonal Antibody

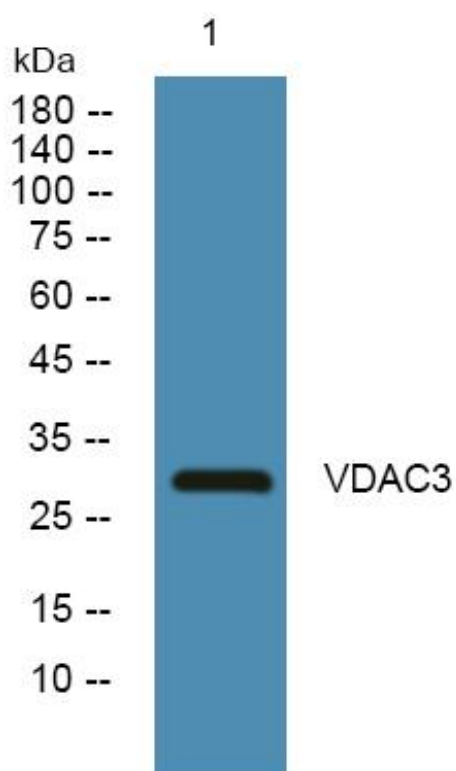
Catalog No	YP-mAb-06393
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	VDAC3
Protein Name	Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	VDAC3 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	31kD
Cell Pathway	Mitochondrion outer membrane . Membrane . May localize to non-mitochondrial membranes. .
Tissue Specificity	Expressed in erythrocytes (at protein level) (PubMed:27641616). Widely expressed. Highest in testis (PubMed:9781040).
Function	domain:Consists mainly of a membrane-spanning beta-barrel formed by 19 beta-strands.,function:Forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules.,similarity:Belongs to the eukaryotic mitochondrial porin family.,tissue specificity:Widely expressed. Highest in testis.,
Background	This gene encodes a voltage-dependent anion channel (VDAC), and belongs to the mitochondrial porin family. VDACS are small, integral membrane proteins that traverse the outer mitochondrial membrane and conduct ATP and other small metabolites. They are known to bind several kinases of intermediary metabolism, thought to be involved in translocation of adenine nucleotides, and are hypothesized to form part of the mitochondrial permeability transition pore, which results in the release of cytochrome c at the onset of apoptotic cell death. Alternatively transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2011],

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using VDAC3 Monoclonal Antibody