



VDAC2 Rabbit pAb

Catalog No	YP-Ab-18670
Isotype	IgG
Reactivity	Human, Mouse, Rat
Applications	WB
Gene Name	VDAC2
Protein Name	Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2)
Immunogen	Synthesized peptide derived from human VDAC2
Specificity	This antibody detects endogenous levels of VDAC2 at Human, Mouse, Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	32kD
Cell Pathway	Mitochondrion outer membrane . Membrane . May localize to non-mitochondrial membranes. .
Tissue Specificity	Expressed in erythrocytes (at protein level) (PubMed:27641616). Expressed in all tissues examined (PubMed:8420959).
Function	Forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules (By similarity). The channel adopts an open conformation at low or zero membrane potential and a closed conformation at potentials above 30-40 mV (By similarity). The open state has a weak anion selectivity whereas the closed state is cation-selective (By similarity). Binds various lipids, including the sphingolipid ceramide, the phospholipid phosphatidylcholine, and the sterol cholesterol . Binding of ceramide promotes the mitochondrial outer membrane permeabilization (MOMP) apoptotic pathway .
Background	
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