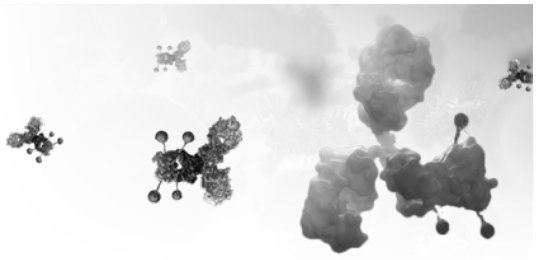

Rabbit Anti-VDAC1/Porin monoclonal antibody, clone TB04-14 (CABT-L567)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	VDAC1
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TB04-14
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IHC
Molecular Weight	31 kDa
Cellular Localization	Mitochondrion outer membrane, Cell membrane, Membrane raft
Positive Control	Raji, SW480, HepG2, human liver tissue, mouse liver tissue, mouse kidney tissue, human kidney tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

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Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Voltage-dependent anion-selective channel (VDAC1) (also referred to as porin, isoform 1) is a small protein, originally discovered in the outer membrane of mitochondria where it constitutes the major pore-forming protein. The porin protein VDAC1 allows to the outer-most membrane of the mitochondrion free permeability to low molecular-weight solutes. VDAC1 has been shown to co-immunoprecipitate with the anti-apoptotic protein Bcl-2 and suggested to be involved in forming the mitochondrial pore which releases cytochrome c during apoptosis.
Keywords	N2441;OMP2;POR1;hVDAC1;MGC111064;Mitochondrial Porin;Outer mitochondrial membrane protein porin 1;Plasmalemmal porin;Porin 31HL;Porin 31HM;VDAC;VDAC-1;Vdac1;VDAC1_HUMAN;Voltage dependent anion channel 1;Voltage dependent anion selective channel protein 1;Voltage-dependent anion-selective channel protein 1;YNL055C;YNL2441C antibody

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