

## Product datasheet for 75-204

### VDAC1 Mouse Monoclonal Antibody [Clone ID: N152B/23]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	N152B/23
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunocytochemistry (ICC)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 1-283 (full-length) of human VDAC1 (also known as Voltage-dependent anion-selective channel protein 1, VDAC, VDAC5, Outer mitochondrial membrane protein porin 1, Plasmalemmal porin, Porin 31HL/M, accession number P21796). Mouse: 98% identity (279/283 amino acids identical) Rat: 98% identity (279/283 amino acids identical) >60% identity with VDAC2 and VDAC3
Specificity:	Does not cross-react with VDAC2 or VDAC3 (based on KO validation results)
Formulation:	State: Purified
Gene Name:	voltage dependent anion channel 1
Database Link:	<a href="#">Entrez Gene 7416 Human</a>
Synonyms:	VDAC, Porin 31HL, Porin 31HM, Mitochondria marker



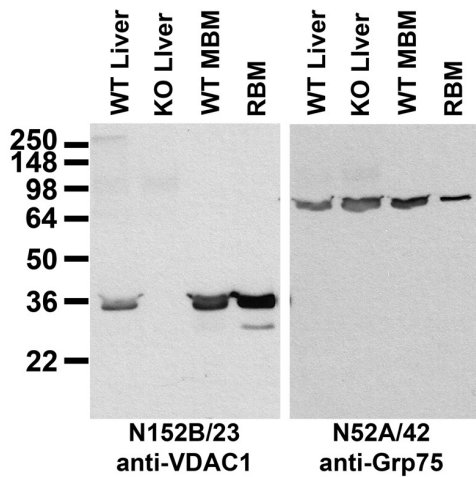
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**Note:** USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATERIALS. The suggested acknowledgment statement is as follows: "The monoclonal antibody \_ was developed by and/or obtained from the UC Davis/NIH NeuroMab Facility, supported by NIH grant U24NS050606 and maintained by the Department of Neurobiology, Physiology and Behavior, College of Biological Sciences, University of California, Davis, CA 95616." Also, please include the complete clone number (e.g., N52A/42) and the Antibody Registry identification number (e.g., RRID:AB\_2120479) to avoid ambiguity. [View Research License Agreement](#)

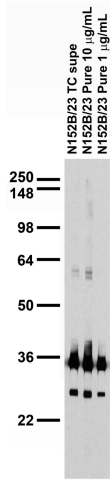
**Product images:**



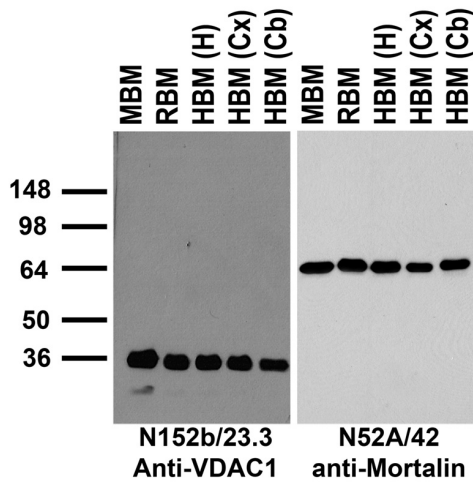
Adult rat hippocampus immunohistochemistry



Immunoblot versus membranes from livers of adult wild-type (WT) and VDAC1 knockout (KO), brains of WT mice and brains of adult rat brain (RBM). Liver samples courtesy of Tatiana Sheiko and Bill Craigen (Baylor College of Medicine).



Adult rat brain membrane immunoblot



Immunoblot against crude membrane fractions from whole mouse (MBM) or rat (RBM) brain and from human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] or cerebellum [HBM(Cb)] and probed with N152B/23 (left) or N52A/42 (right) TC supe.