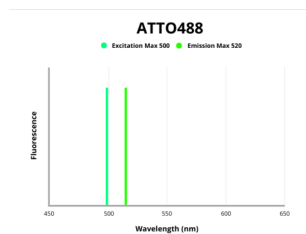


Voltage-Dependent Anion-Selective Channel Protein 1 (VDAC1) Antibody (ATTO488)

Catalogue No.: abx440497



Fluorescence emission spectra of ATTO 488.

VDAC1 Antibody is a Mouse Monoclonal against VDAC1.

Target:	Voltage-Dependent Anion-Selective Channel Protein 1 (VDAC1)
Clonality:	Monoclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IHC, IF/ICC
Host:	Mouse
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	ATTO488
Excitation/Emission:	500/520
Laser Line:	488
Immunogen:	Fusion protein amino acids 1-283 (full-length) of human VDAC1. Mouse: 98% identity (279/283 amino acids identical). Rat: 98% identity (279/283 amino acids identical) >60% identity with VDAC2 and VDAC3.
Isotype:	IgG _{2a}
Purification:	Purified by Protein G.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P21796 (UniProt , ExPASy)

Datasheet

Version: 2.0.0
Revision date: 19 Mar 2025



GeneID:	7416
NCBI Accession:	NP_003365.1.
KEGG:	hsa:7416
String:	9606.ENSP00000265333
Buffer:	PBS, pH 7.4, 50% glycerol, 0.1% sodium azide.
Specificity:	Detects ~30kDa. Does not cross-react with VDAC2 or VDAC3 (based on KO validation results).
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only