VDAC2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	VDAC2, Polyclonal Antibody
Full Product Name	Rabbit anti-Oryza sativa subsp. japonica (Rice) VDAC2 Polyclonal Antibody
Product Gene Name	anti-VDAC2 antibody
Product Synonym Names	VDAC2 Antibody; Mitochondrial outer membrane protein porin 2; Voltage-dependent anion-selective channel protein 2; OsVDAC2; VDAC2 Os05g0536200 LOC_Os05g45950 OJ1741_B01.9 OsJ_19349
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Oryza sativa subsp. japonica (Rice)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	29,602 Da
3D Structure	ModBase 3D Structure for Q6L5I5
Immunogen	Recombinant Oryza sativa subsp. japonica (Rice) VDAC2 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-VDAC2 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-VDAC2 antibody	MBS7197262 is an antibody targeting VDAC2. Also known as Rabbit anti-Oryza sativa subsp. japonica (Rice) VDAC2 Polyclonal Antibody. Reactive in Oryza sativa subsp. japonica (Rice). Host: Rabbit.
Other Notes	Small volumes of anti-VDAC2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for VDAC2. It may not necessarily be applicable to this product.

NCBI GI #	1002269836
NCBI GeneID	4339446
NCBI Accession #	XP_015639259.1
UniProt Primary Accession #	Q6L5I5
UniProt Secondary Accession #	Q8VXC7; A0A0P0WQB1

UniProt Related Accession #	Q6L5I5
GenBank Nucleotide #	XM_015783773.1
NCBI Official Full Name	mitochondrial outer membrane protein porin 2
NCBI Official Symbol	LOC4339446
NCBI Official Synonym Symbols	VDAC2; OsVDAC2; OsJ_19349; OJ1741_B01.9
UniProt Protein Name	Mitochondrial outer membrane protein porin 2
UniProt Synonym Protein Names	Voltage-dependent anion-selective channel protein 2; OsVDAC2
Protein Family	Mitochondrial outer membrane protein porin
UniProt Gene Name	VDAC2
UniProt Synonym Gene Names	OsVDAC2
NCBI Protein Information	mitochondrial outer membrane protein porin 2
UniProt Comments for VDAC2	Forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules. The channel adopts an open conformation at low or zero membrane potential and a closed conformation at potentials above 30-40 mV. The open state has a weak anion selectivity whereas the closed state is cation-selective ().
Research Articles on VDAC2	**1.** A consensus secondary structure prediction of an N-terminal alpha-helix and 19 beta-strands are presented for OsVADC4, the rice voltage-dependent anion-selective channel.
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