

Product datasheet for **TA336364**

VDAC2 Rabbit Polyclonal Antibody

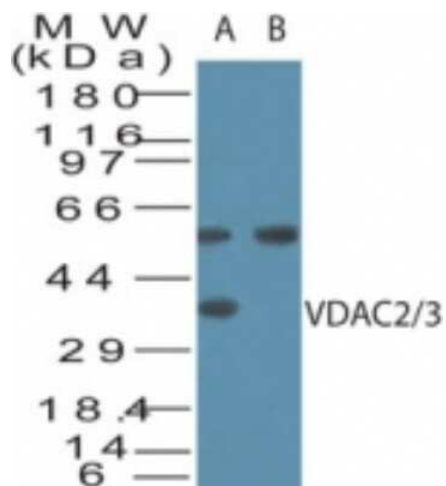
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: 1-3 ug/ml
Reactivity:	Human, Bovine, Canine, Feline, Primate
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Amino acids 120-132 (KKSGKIKSSYKRE) of human VDAC2 protein were used as the immunogen.
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Protein G purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	voltage dependent anion channel 2
Database Link:	NP_003366 Entrez Gene 7417 Human P45880
Background:	Voltage-dependent anion channels (VDAC) are small pore-forming membrane proteins that regulate metabolite exchange across the mitochondrial outer membrane. Apart from metabolite transfer, VDAC role has also been suggested during apoptosis. VDAC2 is one of the isoforms of VDAC. It interacts with BAK and functions as a specific inhibitor of BAK-dependent mitochondrial apoptosis.
Synonyms:	POR
Protein Families:	Druggable Genome, Ion Channels: Other
Protein Pathways:	Calcium signaling pathway, Huntington's disease, Parkinson's disease



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Product images:



Western Blot: VDAC2/3 Antibody TA336364 - analysis of VDAC2/3 in human brain cell lysate in the A) absence and B) presence of immunizing peptide using this antibody. The approximately 55 kD band is not blocked by the immunizing peptide and is believed to result from non-specific cross-reaction.