Datasheet for ABIN2776181

anti-VDAC3 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	VDAC3
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Rabbit, Cow, Dog, Goat, Horse, Guinea Pig, Zebrafish (Danio rerio), Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VDAC3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human VDAC3
Sequence:	SCSGVEFSTS GHAYTDTGKA SGNLETKYKV CNYGLTFTQK WNTDNTLGTE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against VDAC3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	VDAC3

Target Details

Alternative Name:	VDAC3 (VDAC3 Products)
Background:	VDAC3 belongs to a group of mitochondrial membrane channels involved in translocation of adenine nucleotides through the outer membrane. These channels may also function as a mitochondrial binding site for hexokinase and glycerol kinase. VDAC3 belongs to a group of mitochondrial membrane channels involved in translocation of adenine nucleotides through the outer membrane. These channels may also function as a mitochondrial binding site for hexokinase (see HK1, MIM 142600) and glycerol kinase (GK, MIM 300474) (Rahmani et al., 1998).[supplied by OMIM]. Sequence Note: removed 1 base from the 5' end that did not align to the reference genome assembly. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-1413 AF038962.1 2-1414 Alias Symbols: HD-VDAC3, VDAC-3 Protein Interaction Partner: UBC, RNF2, FBXO6, PARK2, env, ATF2, SCO2, VAPA, VAPB, LAMTOR3, SF1, VDAC2, VDAC1, UBA52, TKT, THY1, SCP2, PIN4, NDUFA7, ABCC1, EIF4A1, SERPINH1, ACAA1, Htt, TMEM256, MRPL53, SARNP, SRPRB, SUGP1, CDV3, RBM27, ATP6V1H, SBDS, YME1L1, SF3B4, PPIF, PQBP1, Tubb Protein Size: 283
Molecular Weight:	31 kDa
Gene ID:	7419
NCBI Accession:	NM_005662, NP_005653
UniProt:	Q9Y277

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 283 AA
Restrictions:	For Research Use only

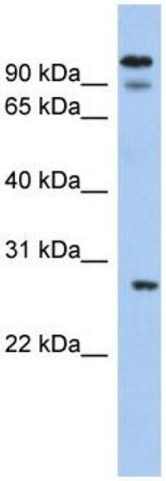
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

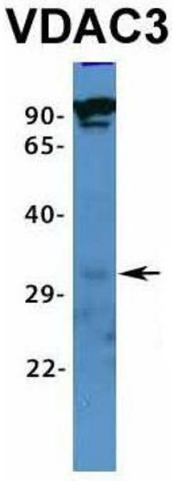
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

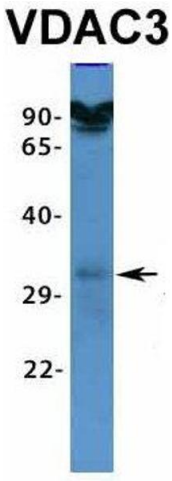
Image 1. WB Suggested Anti-VDAC3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Human Thymus



Western Blotting

Image 2. Host: Rabbit Target Name: VDAC3 Sample Type: RPMI-8226 Antibody Dilution: 1.0ug/ml

Images



Western Blotting

Image 3. Host: Rabbit Target Name: VDAC3 Sample Type: HT1080 Antibody Dilution: 1.0ug/ml