

## PRODUCT DATASHEET

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### VDAC1 Polyclonal Antibody

#### Product Information

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<b>Product Number:</b>	ABP139
<b>Package size :</b>	100 µL
<b>Description:</b>	Rabbit polyclonal to VDCA1
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Application:</b>	WB ELISA
<b>Species Reactivity:</b>	Hu Ms Rt
<b>Specificity:</b>	VDAC1 Polyclonal Antibody detects endogenous levels of VDAC1 protein.
<b>Immunogen Type:</b>	Peptide
<b>Immunogen Description:</b>	Synthesized peptide derived from the N-terminal region of human VDAC1
<b>Target Name:</b>	VDAC1
<b>Other Names:</b>	VDAC1; VDAC; Voltage-dependent anion-selective channel protein 1; VDAC-1; hVDAC1; Outer mitochondrial membrane protein porin 1; Plasmalemmal porin; Porin 31HL; Porin 31HM
<b>Accession No:</b>	Swiss-Prot: P21796NCBI Gene ID: 7416
<b>Concentration:</b>	1.0mg/ml
<b>Buffer:</b>	PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
<b>Storage:</b>	Store at -20°C for long-term preservation (recommended). Store at 4°C for short-term use. Avoid freeze / thaw cycle.

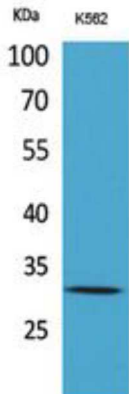
#### Application details

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<b>Predicted MW:</b>	31 KDa
<b>WB dilution:</b>	1:500-1:2000
<b>ELISA:</b>	1:20000

## Images

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Western Blot analysis of K562 cells using VDAC1 Polyclonal Antibody. ABP139.

## Background

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VDAC1 is present in both the outer mitochondrial membrane and the plasma membrane, serving different functions. It is expressed in heart, liver, and muscle tissues. The VDAC1 gene is conserved in chimpanzee, dog, cow, mouse, rat, chicken, and zebrafish. Human VDAC1 share 99% identity with the mouse homolog and 85% identity with its zebrafish homolog.

## Disclaimer

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The product was manufactured via a Quality System certified ISO9001 and tested in accordance with documented quality procedures and approved as a result of meeting the required specification.

This product is for in vitro research use only and is not intended for use in humans or animals. Cyanagen warrants that its products conform to the information contained in this and other Cyanagen publications. Purchaser must determine the suitability of the product for its particular use.