

Datasheet for ABIN6265959

anti-VDAC2 antibody

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	VDAC2
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VDAC2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human VDAC2
Isotype:	IgG
Specificity:	VDAC2 antibody detects endogenous levels of total VDAC2
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	VDAC2
Alternative Name:	VDAC2 (VDAC2 Products)
Background:	Description: Forms a channel through the mitochondrial outer membrane that allows diffusion

Target Details

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.

Gene: VDAC2

Molecular Weight: 32 kDa

Gene ID: 7417

UniProt: [P45880](#)

Application Details

Application Notes: WB 1:500-1:2000,IF 1:100-1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

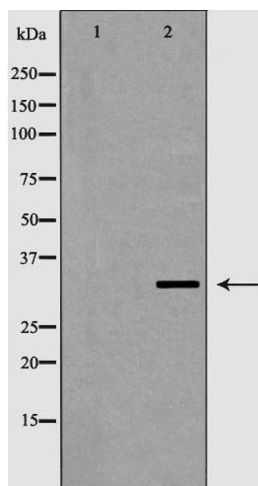
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

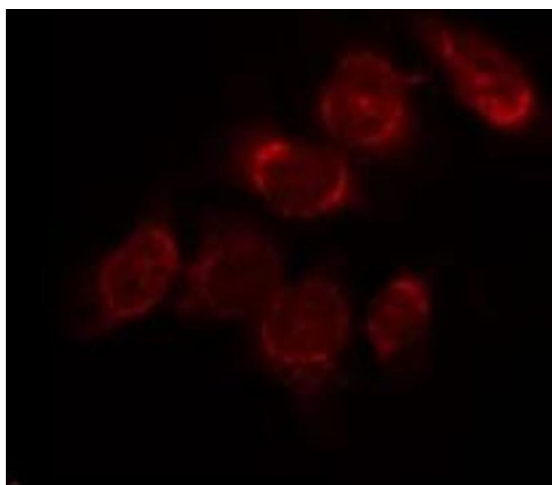
Storage Comment: Store at -20 °C.Stable for 12 months from date of receipt

Expiry Date: 12 months



Western Blotting

Image 1. Western blot analysis of VDAC2 expression in HeLa. The lane on the left is treated with the antigen-specific peptide.



Immunofluorescence (fixed cells)

Image 2. ABIN6268944 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.