

## Product datasheet

# Anti-VDAC3 antibody ab130561

★★★★★ 1 Abreviews 1 Image

### Overview

<b>Product name</b>	Anti-VDAC3 antibody
<b>Description</b>	Rabbit polyclonal to VDAC3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide conjugated to KLH, corresponding to a region within internal sequence amino acids 155-183 of Human VDAC3 (NP_005653.3; NP_001129166.1).
<b>Positive control</b>	NCI H460 cell line lysates.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab130561 is purified through a protein A column, followed by peptide affinity purification.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab130561** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★	1/100 - 1/500. Predicted molecular weight: 31 kDa.

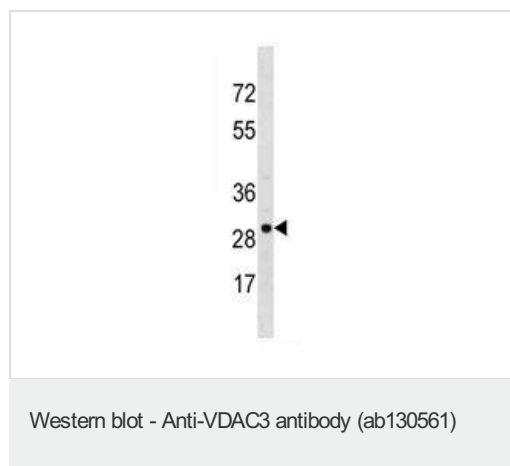
### Target

**Relevance**

The Voltage-Dependant Anion Channel (VDAC3) of the outer mitochondrial membrane, a small abundant protein found in all eukaryotic kingdoms, forms a voltage-gated pore when incorporated into planar lipid bilayers. VDAC is also the site of binding of the metabolic enzymes hexokinase and glycerol kinase to the mitochondrion in what may be a significant metabolic regulatory interaction. VDAC3 is involved specifically in translocation of adenine nucleotides through the outer membrane.

**Cellular localization**

Mitochondrial outer membrane.

**Images**

Anti-VDAC3 antibody (ab130561) at 1/100 dilution + NCI H460 cell line lysate at 35 µg

**Predicted band size:** 31 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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