

A4183

Leader in Biomolecular Solutions for Life Science



VDAC3 Rabbit pAb

Catalog No.: A4183

Basic Information

Observed MW

30kDa

Calculated MW

31kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Human

Background

This gene encodes a voltage-dependent anion channel (VDAC), and belongs to the mitochondrial porin family. VDACs are small, integral membrane proteins that traverse the outer mitochondrial membrane and conduct ATP and other small metabolites. They are known to bind several kinases of intermediary metabolism, thought to be involved in translocation of adenine nucleotides, and are hypothesized to form part of the mitochondrial permeability transition pore, which results in the release of cytochrome c at the onset of apoptotic cell death. Alternatively transcript variants encoding different isoforms have been described for this gene.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

7419

Swiss Prot

Q9Y277

Immunogen

A synthetic Peptide of human VDAC3

Synonyms

VDAC-3; HD-VDAC3; VDAC3

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

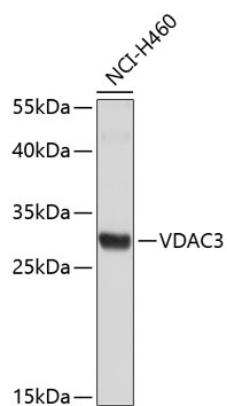
Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, pH7.3.

Validation Data



Western blot analysis of extracts of NCI-H460 cells, using VDAC3 antibody (A4183).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.