

VDAC3 Rabbit Polyclonal Antibody



CAB10544

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

31kDa

Calculated MW:

30kDa

Applications:

WB IF

Reactivity:

Human

Antibody Information

Recommended dilutions:

WB 1:1000 - 1:2000 IF 1:50
- 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

7419

Uniprot

Q9Y277

Synonyms:

VDAC3; HD-VDAC3; VDAC-3

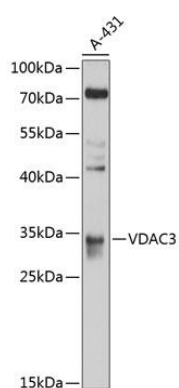
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-283 of human VDAC3 (NP_005653.3).

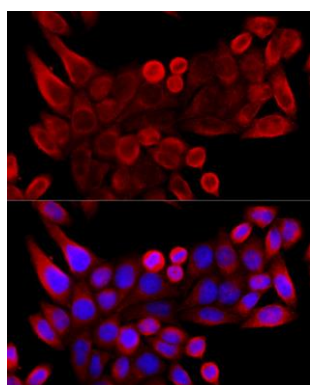
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of A-431 cells, using VDAC3 antibody (CAB10544) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.



Immunofluorescence analysis of HeLa cells using VDAC3 antibody (CAB10544) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.