

For Research Use Only

# CoraLite® Plus 750-conjugated VDAC3 Recombinant antibody

Catalog Number:CL750-82666-14



## Basic Information

Catalog Number:

CL750-82666-14

Size:

100ul , Concentration: 1000 ug/ml by  
Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_005662

GeneID (NCBI):

7419

UNIPROT ID:

Q9Y277

Full Name:

voltage-dependent anion channel 3

Calculated MW:

31 kDa

Observed MW:

31 kDa

Purification Method:

Protein A purification

CloneNo.:

230451C7

Recommended Dilutions:

WB 1:500-1:1000

Excitation/Emission maxima

wavelengths:

755 nm / 780 nm

## Applications

Tested Applications:

WB

Species Specificity:

human, mouse

Positive Controls:

WB : A431 cells, HeLa cells

## Background Information

VDAC3 belongs to the eukaryotic mitochondrial porin family. It forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules. This antibody is specific to VDAC3.

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

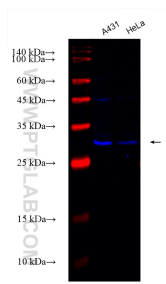
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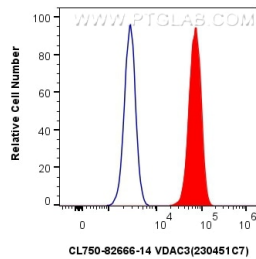
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL750-82666-14 (VDAC3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.4  $\mu$ g CoraLite® Plus 750-conjugated VDAC3 Recombinant antibody (CL750-82666-14, Clone:230451C7)(red), or 0.4  $\mu$ g Isotype Control (CL750-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).