

# PTCD3 Rabbit pAb

Catalog No.: A8497

## Basic Information

### Observed MW

79kDa

### Calculated MW

79kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

Enables rRNA binding activity and ribosomal small subunit binding activity. Involved in mitochondrial translation. Located in several cellular components, including cytosol; mitochondrion; and nucleoplasm. Implicated in combined oxidative phosphorylation deficiency 51.

## Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

55037

### Swiss Prot

Q96EY7

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 450-689 of human PTCD3 (NP\_060422.4).

### Synonyms

COXPD51; MRP-S39; PTCD3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

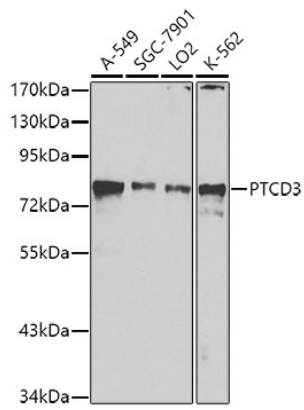
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

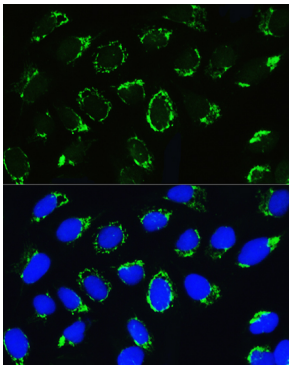
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using PTCD3 antibody (A8497) at 1:1000 dilution.  
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.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Immunofluorescence analysis of U2OS cells using PTCD3 Rabbit pAb (A8497) at dilution of 1:100. Blue: DAPI for nuclear staining.