

# PTCD3 Rabbit pAb

Catalog No.: A8497

## Basic Information

### Observed MW

79kDa

### Calculated MW

79kDa

### Category

Primary antibody

### Applications

WB, IF/ICC, ELISA

### 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

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

55037

### Swiss Prot

Q96EY7

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

COXPD51; MRP-S39; PTCD3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

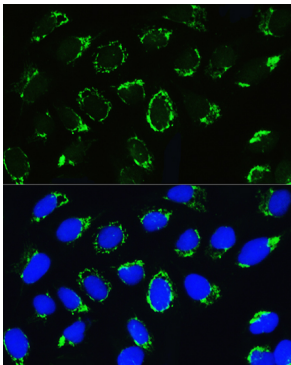
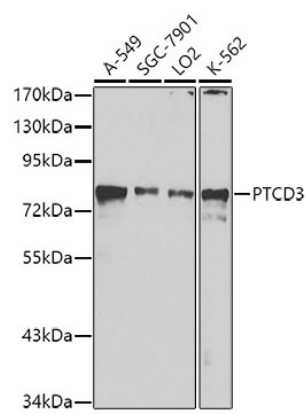
Affinity purification

### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Immunofluorescence analysis of U2OS cells using PTC3 Rabbit pAb (A8497) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.