



Datasheet for ABIN7259004  
**anti-PTCD1 antibody**



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3 Images

Overview

|              |                                      |
|--------------|--------------------------------------|
| Quantity:    | 200 µL                               |
| Target:      | PTCD1                                |
| Reactivity:  | Human, Mouse, Rat                    |
| Host:        | Rabbit                               |
| Clonality:   | Polyclonal                           |
| Conjugate:   | This PTCD1 antibody is un-conjugated |
| Application: | Immunofluorescence (IF)              |

Product Details

|                  |  |
|------------------|--|
| Immunogen:       | Recombinant fusion protein of human PTCD1 (NP_056360.2). |
| Isotype:         | IgG  |
| Characteristics: | Polyclonal Antibody                                      |
| Purification:    | Affinity purification                                    |

Target Details

|                   |  |
|-------------------|--|
| Target:           | PTCD1  |
| Alternative Name: | PTCD1 ( <a href="#">PTCD1 Products</a> )   |
| Background:       | This gene encodes a mitochondrial protein that binds leucine tRNAs and other mitochondrial RNAs and plays a role in the regulation of translation. Increased expression of this gene results in decreased mitochondrial leucine tRNA levels. Naturally occurring read-through transcription exists between upstream ATP5J2 (ATP synthase, H <sup>+</sup> transporting, mitochondrial Fo complex, |

## Target Details

subunit F2) and this gene.

Gene ID: 26024

UniProt: [O75127](#)

## Application Details

Application Notes: IF 1:50-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

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

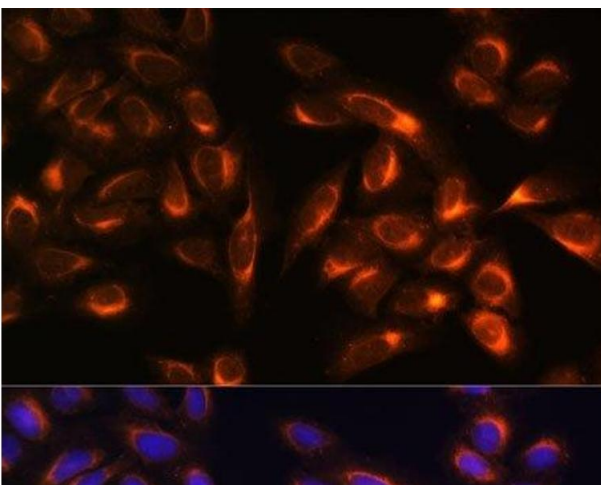
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

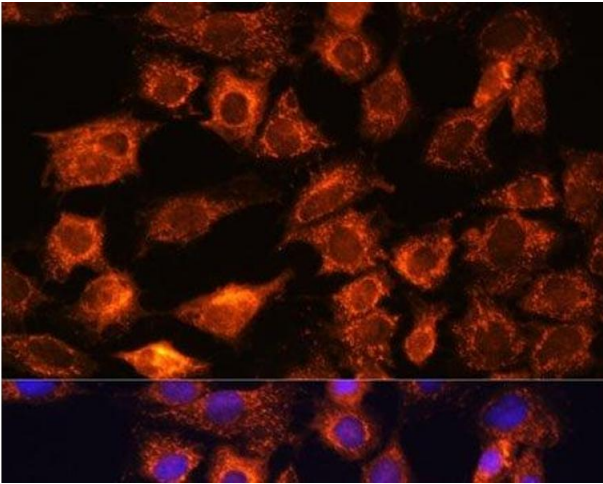
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



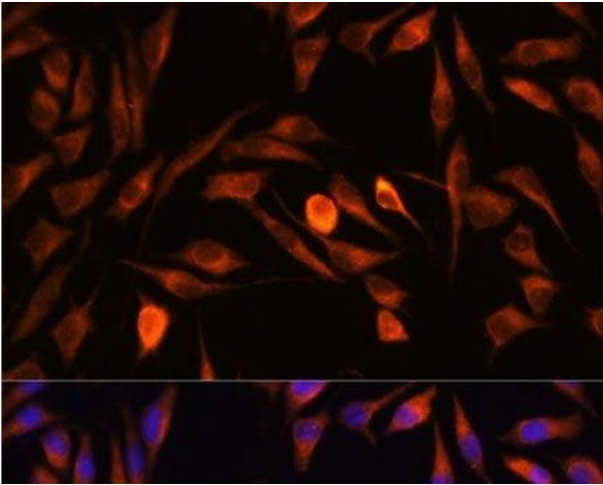
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U-2 OS cells using PTC1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



#### Immunofluorescence

**Image 2.** Immunofluorescence analysis of C6 cells using PTC1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



#### Immunofluorescence

**Image 3.** Immunofluorescence analysis of L929 cells using PTC1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.