

PTCD1 Polyclonal Antibody

Catalog No: #29781



Package Size: #29781-1 50ul #29781-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

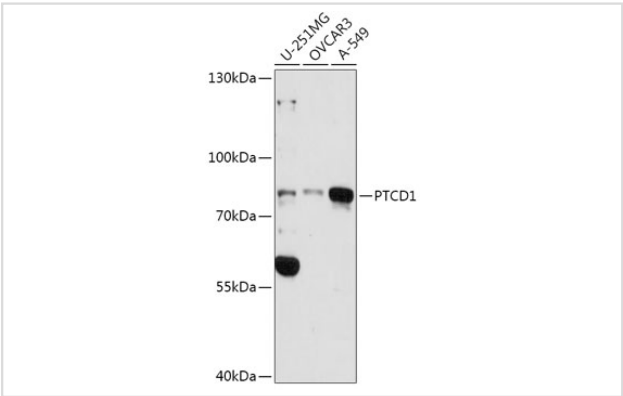
Description

Product Name	PTCD1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human PTCD1 (NP_056360.2).
Other Names	PTCD1; pentatricopeptide repeat domain 1
Accession No.	Swiss-Prot#:O75127NCBI Gene ID:26024
Uniprot	O75127
GeneID	26024;
Calculated MW	79kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

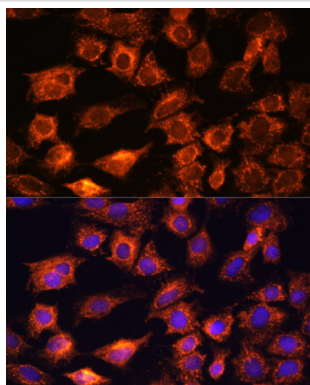
Application Details

WB 1:500 - 1:2000IF 1:50 - 1:200

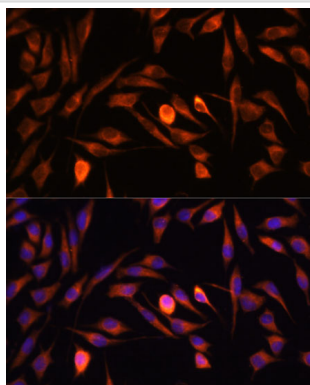
Images



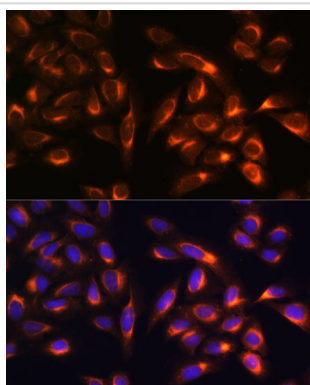
Western blot analysis of extracts of various cell lines, using PTCD1 at 1:3000 dilution.



Immunofluorescence analysis of C6 cells using PTCD1 at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using PTCD1 at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using PTCD1 at dilution of 1:100. Blue: DAPI for nuclear staining.

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⁺ transporting, mitochondrial Fo complex, subunit F2) and this gene.

Note: This product is for in vitro research use only