

# Anti-PCYOX1 Polyclonal Antibody

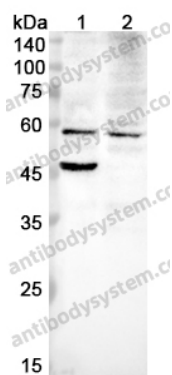
## Summary

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<b>Catalog No.</b>	PHJ76501
<b>Host species</b>	Rabbit
<b>Tested applications</b>	ELISA: 1:4000-1:8000, IHC: 1:50-1:100, WB: 1:1000-1:4000
<b>Species reactivity</b>	Human
<b>Immunogen</b>	E. coli - derived recombinant Human PCYOX1 (Tyr174-Leu505).
<b>Form</b>	Liquid
<b>Storage buffer</b>	0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	ELISA, IHC, WB
<b>Target</b>	Prenylcysteine oxidase 1,Prenylcysteine lyase,PCYOX1,KIAA0908,PCL1
<b>Purification</b>	Purified by antigen affinity column.
<b>Accession</b>	Q9UHG3
<b>Stability and Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.
<b>Note</b>	For research use only.

## Data Image

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Western blot

Various lysates were subjected to SDS PAGE followed by western blot with PCYOX1 antibody (PHJ76501) at 0.44µg/ml.

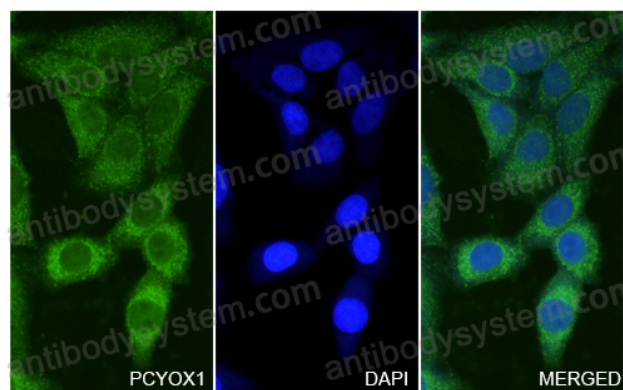
Lane 1: HepG2 cell lysate

Lane 2: 293T cell lysate

Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (PTB96431) at 0.1 µg/mL.

Predict MW: 56 kDa

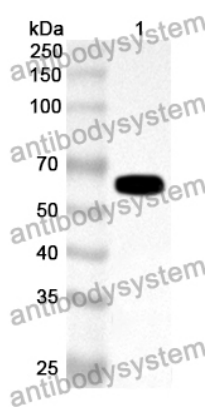
Observed MW: 56,46 kDa



Immunocytochemistry/ Immunofluorescence

PCYOX1 in HepG2 Cell Line.

The HepG2 cells were fixed with 4% paraformaldehyde (20 min), and then blocked with 5% goat serum for 1h. And the cells were incubated for 2h at 37°C with PCYOX1 (PHJ76501) at 8.8 µg/ml. The section was then incubated with Goat Anti-Rabbit IgG (Alexa Fluor-488) preabsorbed at 1/100 dilution (Shown in green) for 1 hour at room temperature. Nuclear DNA was labelled with DAPI (shown in blue).



Western Blot

Recombinant Protein lysates were subjected to SDS PAGE followed by western blot with PCYOX1 antibody (PHJ76501) at 1 µg/ml.

Lane 1: Recombinant Protein

Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (PTB96431) at 0.1 µg/mL.

Predict MW: 64 kDa

Observed MW: 64 kDa