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Datasheet for ABIN2777705
anti-PCYOX1 antibody (C-Term)

3 Images

Overview

Quantity:	100 µL
Target:	PCYOX1
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Dog, Rabbit, Saccharomyces cerevisiae, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCYOX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human PCYOX1
Sequence:	IFSQETLTKA QILKLFLSYD YAVKKPWLAY PHYKPPEKCP SIILHDRLYY
Predicted Reactivity:	Cow: 83%, Dog: 86%, Horse: 86%, Human: 100%, Pig: 83%, Rabbit: 100%, Yeast: 75%
Characteristics:	This is a rabbit polyclonal antibody against PCYOX1. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	PCYOX1
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Target Details

Alternative Name:	PCYOX1 (PCYOX1 Products)
Background:	<p>Prenylated proteins contain one of two isoprenoid lipids, either the 15-carbon farnesyl or the 20-carbon geranylgeranyl, covalently attached to cysteine residues at or near their C terminus.</p> <p>PCYOX1 is capable of cleaving the thioether bond of prenylcysteines. The enzyme was isolated from bovine brain membranes and exhibits an apparent molecular mass of 63 kDa. This is a specific enzyme involved in prenylcysteine metabolism in mammalian cells, most likely comprising the final step in the degradation of prenylated proteins.</p> <p>Alias Symbols: PCL1</p> <p>Protein Interaction Partner: UBC, SLC9A3R1, NDUFV2,</p> <p>Protein Size: 505</p>
Molecular Weight:	57 kDa
Gene ID:	51449
NCBI Accession:	NM_016297 , NP_057381
UniProt:	Q9UHG3

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 505 AA
Restrictions:	For Research Use only

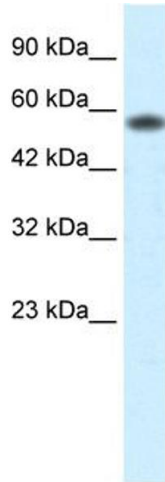
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

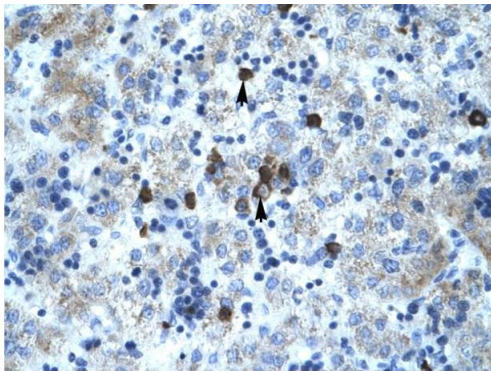
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

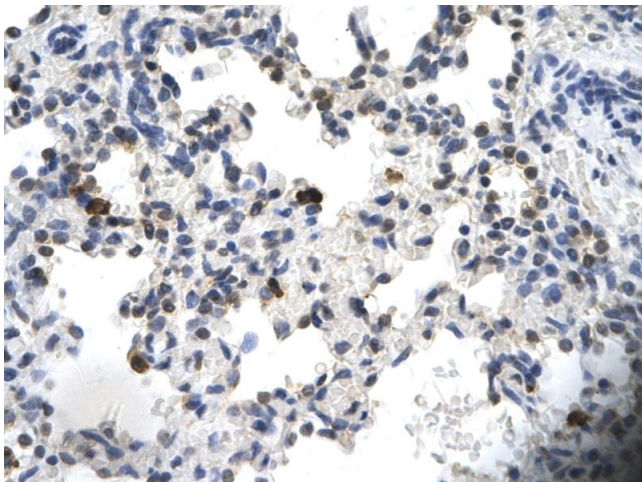
Image 1. WB Suggested Anti-PCYOX1 Antibody Titration:
0.5ug/ml Positive Control: Jurkat cell lysate



Rabbit Anti-PCYOX1 Antibody
Catalog Number: ARP33007
Lot Number: QC2403
Paraffin Embedded Tissue: Human Liver
Cells with Positive label: Liver cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Human Liver



Immunohistochemistry

Image 3. Rabbit Anti-PCYOX1 Antibody Paraffin Embedded
Tissue: Human alveolar cell Cellular Data: Epithelial cells of
renal tubule Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X