

Product datasheet for TA331918

PCYOX1 Rabbit Polyclonal Antibody

Product data:

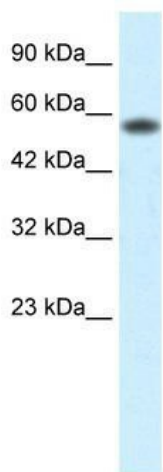
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-PCYOX1 Antibody: synthetic peptide directed towards the C terminal of human PCYOX1. Synthetic peptide located within the following region: IFSQETLTKAQILKFLSYDYAVKKPWLAYPHYKPPPEKPCSILHDLRY
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	57 kDa
Gene Name:	prenylcysteine oxidase 1
Database Link:	NP_057381 Entrez Gene 51449 Human Q9UHG3
Background:	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. 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.
Synonyms:	PCL1



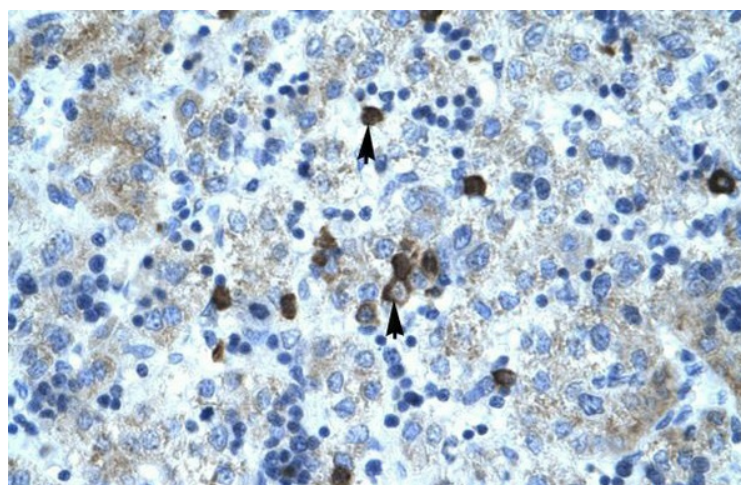
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Note: Immunogen sequence homology: Human: 100%; Rabbit: 100%; Dog: 86%; Horse: 86%; Pig: 83%; Bovine: 83%; Yeast: 75%

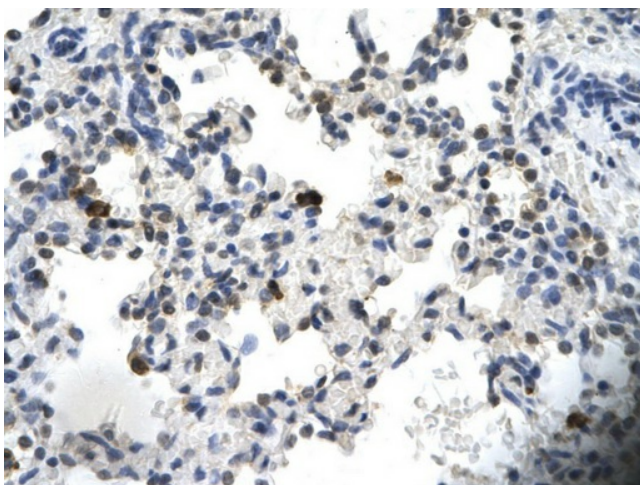
Product images:



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



Human Liver



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