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PCYOX1 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10452

Product Information

Application	WB, IHC
Primary Accession	Q9UHG3
Other Accession	NM_016297, NP_057381
Reactivity	Human, Pig, Dog, Bovine, Yeast
Predicted	Human, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56640

Additional Information

Gene ID	51449
Alias Symbol	PCL1
Other Names	Prenylcysteine oxidase 1, 1.8.3.5, Prenylcysteine lyase, PCYOX1, KIAA0908, PCL1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-PCYOX1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	PCYOX1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PCYOX1 (HGNC:20588)
Function	Prenylcysteine oxidase that cleaves the thioether bond of prenyl-L-cysteines, such as farnesylcysteine and geranylgeranylcysteine (PubMed:10585463, PubMed:11078725, PubMed:12186880). Only active against free prenylcysteines and not prenylcysteine residues within prenylated proteins or peptides (By similarity). Involved in the final step in the degradation of prenylated proteins, by degrading prenylcysteines after the protein has been degraded (PubMed:10585463).
Cellular Location	Lysosome.

Tissue Location Widely expressed..

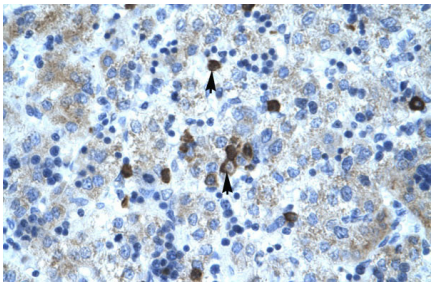
References

Clark,H.F., et al., (2003) Genome Res. 13 (10), 2265-2270Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

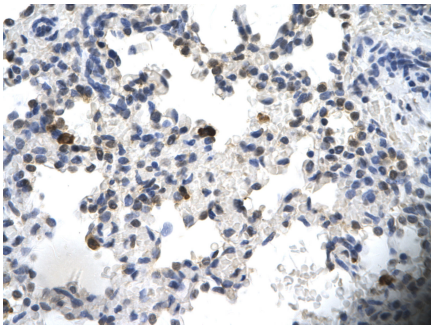
Images



WB Suggested Anti-PCYOX1 Antibody Titration: .5ug/ml
Positive Control: Jurkat cell lysate



Human Liver



Rabbit Anti-PCYOX1 Antibody
Catalog Number:AI10452
Paraffin Embedded Tissue: Human alveolar cell
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.-8. ug/ml
Magnification:4X

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.