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PCYXL Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5612b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q8NBM8
Other Accession	Q0P5H1, NP_076933.2
Reactivity	Human, Mouse
Predicted	Bovine, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27111
Calculated MW	54646
Antigen Region	465-494

Additional Information

Gene ID	78991
Other Names	Prenylcysteine oxidase-like, 183-, PCYOX1L
Target/Specificity	This PCYXL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 465-494 amino acids from the C-terminal region of human PCYXL.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PCYXL Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PCYOX1L (HGNC:28477)
Function	Prenylcysteine oxidase that cleaves the thioether bond of prenyl-L-cysteines, such as farnesylcysteine and geranylgeranylcysteine. Does not metabolize shorter prenyl chain compounds (Probable). Required in the

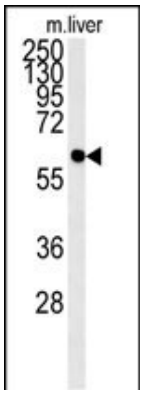
mevalonate pathway to regulate prenylation and enhances the bactericidal activity of neutrophils (By similarity). Promotes the assembly of the postsynaptic ion channel ASIC1a (By similarity).

Cellular Location Secreted {ECO:0000250|UniProtKB:B5DEI0}.

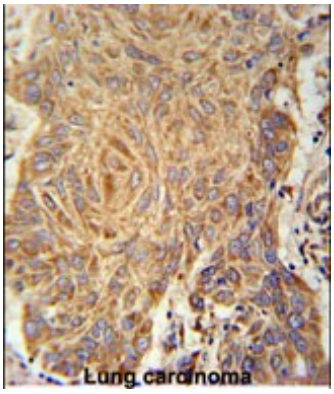
Background

Probable oxidoreductase (By similarity).

Images



PCYXL Antibody (C-term) (Cat. #AP5612b) western blot analysis in mouse liver tissue lysates (15ug/lane).This demonstrates the PCYXL antibody detected PCYXL protein (arrow).



PCYXL Antibody (C-term) (Cat. #AP5612b) immunohistochemistry analysis in formalin fixed and paraffin embedded human Lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PCYXL Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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