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PCYOX1L Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15949

Product Information

Application	WB
Primary Accession	Q8NBM8
Other Accession	NM_024028, NP_076933
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54646

Additional Information

Gene ID	78991
Other Names	Prenylcysteine oxidase-like, 1.8.3.-, PCYOX1L
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 &mu, l of distilled water. Final Anti-PCYOX1L 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	PCYOX1L Antibody - C-terminal region 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}.

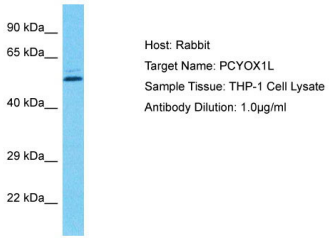
Background

Probable oxidoreductase.

References

Otsuki T.,et al.DNA Res. 12:117-126(2005).
She X.,et al.Submitted (NOV-2001) to the EMBL/GenBank/DDBJ databases.
Schmutz J.,et al.Nature 431:268-274(2004).
Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).

Images



Host: Rabbit
Target Name: PCYOX1L
Sample Tissue: THP-1 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

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