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PCYOX1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10452

Specification

PCYOX1 antibody - C-terminal region - Product Information

Application	**WB, IHC**
Primary Accession	Q9UHG3
Other Accession	NM_016297, NP_057381
Reactivity	**Human, Pig, Horse, Yeast, Bovine, Dog**
Predicted	**Human, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**57kDa KDa**

PCYOX1 antibody - C-terminal region - 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.

PCYOX1 antibody - C-terminal region - 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).

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Cellular Location
Lysosome.

Tissue Location
Widely expressed..

PCYOX1 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture