

Rabbit PCYOX1 Polyclonal Antibody | anti-PCYOX1 antibody

PCYOX1 antibody - C-terminal region

CATALOG # AAA197500	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Pig, Rabbit, Yeast	APPLICATIONS Western Blot, Immunohistochemistry
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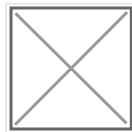
PRODUCT SYNONYMS

PCYOX1; Polyclonal Antibody; PCYOX1 antibody - C-terminal region; anti-PCYOX1 antibody

PRODUCT SPECIFICATIONS

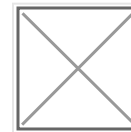
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Pig, Rabbit, Yeast
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: IF SQETLTAKAI LKFLSYDYA VKKPWLAYPH YKPPEKCPISILHDRLYY
Sequence Length	505
Applicable Applications for anti-PCYOX1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 83%; Dog: 86%; Horse: 86%; Human: 100%; Pig: 83%; Rabbit: 100%; Yeast: 75%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PCYOX1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

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



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

Human Liver

ADDITIONAL INFORMATION

Related Product Information for anti-PCYOX1 antibody	This is a rabbit polyclonal antibody against PCYOX1. It was validated on Western Blot and immunohistochemistry Target Description: 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.
Product Categories/Family for anti-PCYOX1 antibody	Polyclonal; Transcription Factor; Signal Proteins; Drugs and Drug Metabolism; Membrane & Traffic; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	166795301
NCBI GeneID	51449
NCBI Accession #	NP_057381
NCBI GenBank Nucleotide #	NM_016297
UniProt Accession #	Q9UHG3
Molecular Weight	57kDa
NCBI Official Full Name	prenylcysteine oxidase 1
NCBI Official Synonym Full Names	prenylcysteine oxidase 1
NCBI Official Symbol	PCYOX1
NCBI Official Synonym Symbols	PCL1
NCBI Protein Information	prenylcysteine oxidase 1
UniProt Protein Name	Prenylcysteine oxidase 1
UniProt Gene Name	PCYOX1
UniProt Synonym Gene Names	KIAA0908; PCL1
UniProt Entry Name	PCYOX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pcyox1-antibody-western-blot-immunohistochemistry-elisa/197500>