

Rabbit P5CR Polyclonal Antibody | anti-PYCR1 antibody

Anti-P5CR Antibody

CATALOG # AAA262105	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

P5CR; Polyclonal Antibody; Anti-P5CR Antibody; Pyrroline-5-carboxylate reductase 1; mitochondrial; P5C reductase 1; P5CR 1; anti-PYCR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of P5CR protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	346
Applicable Applications for anti-PYCR1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human P5CR
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of P5CR staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of P5CR expression in HepG2 (A), mouse skeletal muscle (B), rat brain (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PYCR1 antibody	Rabbit polyclonal antibody to P5CR
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NCBI AND UNIPROT INFORMATION

NCBI GI #	533112488
NCBI GeneID	5831
NCBI Accession #	NP_001269209.1

NCBI GenBank Nucleotide #	NM_001282280.1
UniProt Accession #	P32322; Q6FHI4; Q96DI6; Q9HBQ4; A6NFM2; B4DMU0
Molecular Weight	35,981 Da
NCBI Official Full Name	pyrroline-5-carboxylate reductase 1, mitochondrial isoform 1
NCBI Official Synonym Full Names	pyrroline-5-carboxylate reductase 1
NCBI Official Symbol	PYCR1
NCBI Official Synonym Symbols	P5C; P5CR; PRO3; PYCR; PIG45; PP222; ARCL2B; ARCL3B
NCBI Protein Information	pyrroline-5-carboxylate reductase 1, mitochondrial
UniProt Protein Name	Pyrroline-5-carboxylate reductase 1, mitochondrial
UniProt Gene Name	PYCR1
UniProt Synonym Gene Names	P5C reductase 1; P5CR 1
UniProt Entry Name	P5CR1_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/p5cr-antibody-immunohistochemistry-western-blot-elisa/262105>