

Rabbit PYCR1 Polyclonal Antibody | anti-PYCR1 antibody

PYCR1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311159	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PYCR1; Polyclonal Antibody; PYCR1 Polyclonal Antibody; ARCL2B; ARCL3B; P5C; P5CR; PIG45; PP222; PRO3; PYCR; pyrroline-5-carboxylate reductase 1; anti-PYCR1 antibody

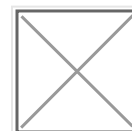
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-PYCR1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PYCR1 (NP_008838.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

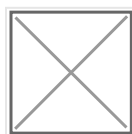
IMAGES



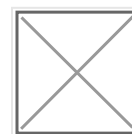
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human stomach using PYCR1 antibody.



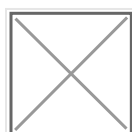
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human prostate using PYCR1 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat kidney using PYCR1 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat liver using PYCR1 antibody.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PYCR1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PYCR1 antibody	This gene encodes an enzyme that catalyzes the NAD (P)H-dependent conversion of pyrroline-5-carboxylate to proline. This enzyme may also play a physiologic role in the generation of NADP (+) in some cell types. The protein forms a homopolymer and localizes to the mitochondrion. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-PYCR1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	24797097
NCBI GeneID	5831
NCBI Accession #	NP_008838.2
NCBI GenBank Nucleotide #	NM_006907.3
UniProt Accession #	P32322; Q6FHI4; Q96DI6; Q9HBQ4; A6NFM2; B4DMU0
Molecular Weight	33.7 kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pycr1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/311159>