

Rabbit anti-Human PYCR2 Polyclonal Antibody | anti-PYCR2 antibody

PYCR2 Antibody

CATALOG # AAA119726	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

PYCR2; Polyclonal Antibody; PYCR2 Antibody; Pyrroline-5-carboxylate reductase 2 (EC:1.5.1.2); P5C reductase 2; P5CR 2; anti-PYCR2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G Purified
Sequence Length	246
Applicable Applications for anti-PYCR2 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Pyrroline-5-carboxylate reductase 2 protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-138500
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



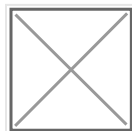
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA119726 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human rectum tissue using AAA119726 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA119726 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-PYCR2 antibody	Housekeeping enzyme that catalyzes the last step in proline biosynthesis. In some cell types, such as erythrocytes, its primary function may be the generation of NADP(+). Can utilize both NAD and NADP. Has higher affinity for NADP, but higher catalytic efficiency with NADH (PubMed:2722838, PubMed:6894153). Involved in cellular response to oxidative stress (PubMed:25865492).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	410991931
NCBI GeneID	29920
NCBI Accession #	NP_001258610.1
NCBI GenBank Nucleotide #	NM_001271681.1
UniProt Accession #	Q96C36; Q7Z515; Q9Y5J4; A8K798
Molecular Weight	33,637 Da
NCBI Official Full Name	pyrroline-5-carboxylate reductase 2 isoform 2
NCBI Official Synonym Full Names	pyrroline-5-carboxylate reductase family member 2
NCBI Official Symbol	PYCR2
NCBI Official Synonym Symbols	HLD10; P5CR2
NCBI Protein Information	pyrroline-5-carboxylate reductase 2
UniProt Protein Name	Pyrroline-5-carboxylate reductase 2
UniProt Gene Name	PYCR2
UniProt Synonym Gene Names	P5C reductase 2; P5CR 2
UniProt Entry Name	P5CR2_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/pycr2-antibody-immunohistochemistry-elisa/119726>