

Rabbit PYCR2 Polyclonal Antibody | anti-PYCR2 antibody

PYCR2 Antibody (Center)

CATALOG # AAA287871	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Bovine, Monkey, Mouse, Rat)	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Monkey, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PYCR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 89-116 amino acids from the Central region of human PYCR2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	89-116
Sequence Length	320
Applicable Applications for anti-PYCR2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

PYCR2 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PYCR2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

PYCR2 Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the PYCR2 antibody detected the PYCR2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PYCR2 antibody	PYCR2 belongs to the pyrroline-5-carboxylate reductase family. Pyrroline-5-carboxylate reductase catalyzes the the NAD(P)H-dependent conversion of proline to pyrroline-5-carboxylate.
Product Categories/Family for anti-PYCR2 antibody	Cell Biology; Metabolism; Signal transduction
References	Lamesch, P., et al. Genomics 89(3):307-315(2007) Lim, J., et al. Cell 125(4):801-814(2006) Colland, F., et al. Genome Res. 14(7):1324-1332(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	410991931
NCBI GeneID	29920
NCBI Accession #	NP_001258610.1; NP_037460.2
NCBI GenBank Nucleotide #	NM_001271681.1
UniProt Accession #	Q96C36; Q7Z515; Q9Y5J4; A8K798
Molecular Weight	33637
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pycr2-antibody-western-blot-immunohistochemistry-elisa/287871>