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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57751_P050-HRP
Product Page	www.avivasysbio.com/pycr1-antibody-middle-region-hrp-arp57751-p050-hrp.html
Name	PYCR1 Antibody - middle region : HRP (ARP57751_P050-HRP)
Protein Size (# AA)	316 amino acids
Molecular Weight	33kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5831
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Pyrroline-5-carboxylate reductase 1
Alias Symbols	P5C, P5CR, PRO3, PYCR, PIG45, PP222, ARCL2B, ARCL3B
Peptide Sequence	Synthetic peptide located within the following region: RSLLINAVEASCIRTRELOSMADQEQVSPAAIKKTILDKDHLPLELGSPE
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Meng,Z., (2006) J. Mol. Biol. 359 (5), 1364-1377
Description of Target	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
Protein Interactions	FUS; SUMO2; NEDD8; MDM2; SUZ12; RNF2; BMI1; HNRNPD; BAG3; BNIPL; UBC; ITGA4; DAB2; MDC1; CUL3; NUDT21; CDK2AP2;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-PYCR1 (ARP57751_P050-HRP) antibody
Blocking Peptide	For anti-PYCR1 (ARP57751_P050-HRP) antibody is Catalog# AAP57751 (Previous Catalog# AAPP38808)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PYCR1
Uniprot ID	A6NFM2
Protein Name	Pyrroline-5-carboxylate reductase 1, mitochondrial
Sample Type Confirmation	PYCR1 is supported by BioGPS gene expression data to be expressed in 721_B, HEK293T
Protein Accession #	NP_722546
Purification	Affinity Purified
Nucleotide Accession #	NM_153824
Gene Symbol	PYCR1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 86%; Guinea Pig: 93%; Horse: 86%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 93%; Zebrafish: 86%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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