

Product Datasheet

PYCR1 Antibody - Azide and BSA Free H00005831-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00005831-B01P

PYCR1 Antibody - Azide and BSA Free

Product Information

Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description

Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Mouse
Gene ID	5831
Gene Symbol	PYCR1
Species	Human
Specificity/Sensitivity	PYCR1 - pyrroline-5-carboxylate reductase 1,
Immunogen	PYCR1 (NP_008838.2, 1 a.a. - 319 a.a.) full-length human protein. MSVGFIGAGQLAFALAKGFTAAGVLAHKIMASSPDMDLATVSALRKMVGKLT PHNKETVQHSDVLFLAVKPHIIPFILDEIGADIEDRHIVVSCAAGVTISSIEKKLSAF RPAPRVIRCMTNTPV VVREGATVYATGTHAQVEDGRLMEQLLSSVGFCTEVEE DLIDAVTGLSGSGPAYAFTALDALADGGVKMGLPRRLAVRLGAQALLGAAKML LHSEQHPGQLKDNVSSPGGATIHVLES GGFRSLLINAVEASCIRTRELQSM ADQEQVSPAAIKKTILDKVKLDSPAGTALSPSGHTKLLPRSLAPAGKD
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

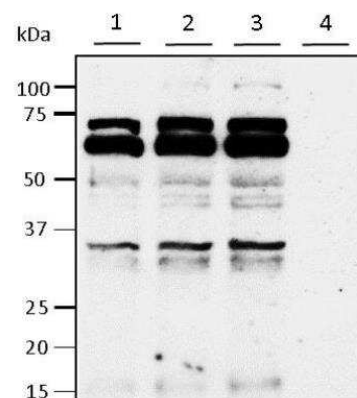
Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control. It has been used for IF. Use in porcine reported by customer review.

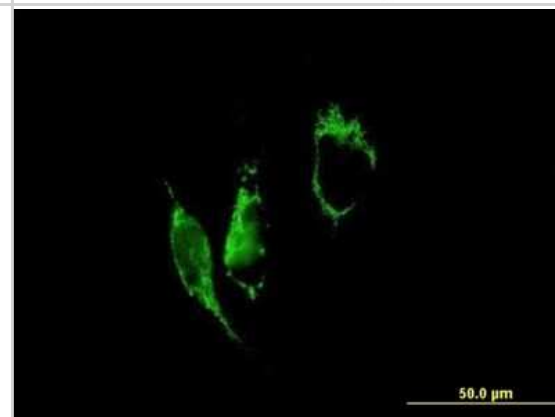


Images

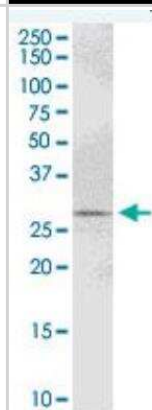
Western Blot: PYCR1 Antibody [H00005831-B01P] - Pig liver extracts. Lane 1: 30 ug, Lane 2: 45 ug, Lane 3: 60 ug, Lane 4: secondary anti-mouse antibody only. Image from verified customer review.



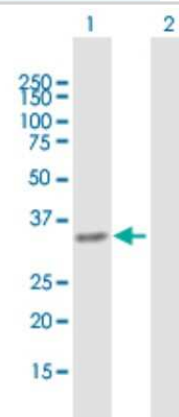
Immunocytochemistry/Immunofluorescence: PYCR1 Antibody [H00005831-B01P] - Analysis of purified antibody to PYCR1 on HeLa cell (antibody concentration 10 ug/mL).



Western Blot: PYCR1 Antibody [H00005831-B01P] - Expression in U-2 OS.



Western Blot: PYCR1 Antibody [H00005831-B01P] - Analysis of PYCR1 expression in transfected 293T cell line by PYCR1 polyclonal antibody. Lane 1: PYCR1 transfected lysate (35.09 kDa). Lane 2: Non-transfected lysate.



Publications

De Ingeniis J, Ratnikov B, Richardson AD et al. Functional specialization in proline biosynthesis of melanoma. PLoS One. 2012-01-01 [PMID: 23024808] (Human)



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Products Related to H00005831-B01P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
NBP1-50895-0.05mg	Recombinant Human PYCR1 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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