Datasheet for ABIN7166894 anti-PYCR2 antibody (AA 2-320) (FITC)

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Overview

Quantity:	100 µg
Target:	PYCR2
Binding Specificity:	AA 2-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PYCR2 antibody is conjugated to FITC
Application:	Please inquire

## Product Details

Immunogen:	Recombinant Human Pyrroline-5-carboxylate reductase 2 protein (2-320AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

## Target Details

Target:	PYCR2
Alternative Name:	PYCR2 (PYCR2 Products)
Background:	Background: 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

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	<ul> <li>utilize both NAD and NADP. Has higher affinity for NADP, but higher catalytic efficiency with</li> <li>NADH (PubMed:2722838, PubMed:6894153). Involved in cellular response to oxidative stress</li> <li>(PubMed:25865492).</li> <li>Aliases: 1810018M05Rik antibody, FLJ54750 antibody, Leftb antibody, OTTHUMP00000035614</li> <li>antibody, P5C reductase 2 antibody, P5CR 2 antibody, P5CR2 antibody, P5CR2_HUMAN</li> <li>antibody, PYCR 2 antibody, PYCR2 antibody, Pyrroline 5 carboxylate reductase 2 antibody,</li> <li>Pyrroline 5 carboxylate reductase family member 2 antibody, Pyrroline 5 carboxylate reductase</li> <li>isoform antibody, Pyrroline-5-carboxylate reductase 2 antibody, RP4-559A3.4 antibody</li> </ul>
UniProt:	Q96C36
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.