

Datasheet for ABIN7166893

anti-PYCR2 antibody (AA 2-320) (Biotin)[Go to Product page](#)

Overview

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

Product Details

Immunogen:	Recombinant Human Pyrroline-5-carboxylate reductase 2 protein (2-320AA)
Isotype:	IgG
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

Target Details

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).

Aliases: 1810018M05Rik antibody, FLJ54750 antibody, Leftb antibody, OTTHUMP00000035614 antibody, P5C reductase 2 antibody, P5CR 2 antibody, P5CR2 antibody, P5CR2_HUMAN antibody, PYCR 2 antibody, PYCR2 antibody, Pyrroline 5 carboxylate reductase 2 antibody, Pyrroline 5 carboxylate reductase family member 2 antibody, Pyrroline 5 carboxylate reductase isoform antibody, Pyrroline-5-carboxylate reductase 2 antibody, RP4-559A3.4 antibody

UniProt: [Q96C36](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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.