

## PYCR1

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**33kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human PYCR1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

P5C; P5CR; PRO3; PYCR; PIG45; PP222; ARCL2B; ARCL3B;

**Background:**

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 to the mitochondrion. Alternative splicing results in multiple transcript variants.

*To place an order, please [Click HERE](#).*

**Catalog #:**A6959

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5831

**Isotype:**IgG

**Swiss Prot:**P32322

**Purity:**Affinity purification

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