

PYCR1

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;

Catalog #: A6959

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5831

Isotype: IgG

Swiss Prot: P32322

Purity: Affinity purification

For research use only.

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.

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