



# Anti-PYCR1 (full length) polyclonal antibody (CABT-BL3071)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Full length Human PYCR1 protein.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC/IF
<b>Cellular Localization</b>	Mitochondrial
<b>Format</b>	Liquid
<b>Buffer</b>	PBS, pH 7.2
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	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. Alternate splicing results in two transcript variants encoding different isoforms.
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# GENE INFORMATION

Entrez Gene ID	<a href="#">5831</a>
Protein Refseq	<a href="#">NP_008838</a>
UniProt ID	<a href="#">E2QRB3</a>