

# PYCRL Rabbit pAb

Catalog No.: A17763

## Basic Information

### Observed MW

35kDa

### Calculated MW

29kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Mouse

## Background

This gene encodes a protein that belongs to the pyrroline-5-carboxylate reductase family of enzymes. Members of this family catalyze the final step in proline biosynthesis, converting pyrroline-5-carboxylate to proline. Glutamate and ornithine are precursors in the synthesis of proline. The protein encoded by this gene is a cytoplasmic enzyme involved in the biosynthesis of proline from ornithine.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

65263

### Swiss Prot

Q53H96

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 13-286 of human PYCR1 (NP\_075566.2).

### Synonyms

PYCR1

## Contact

 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

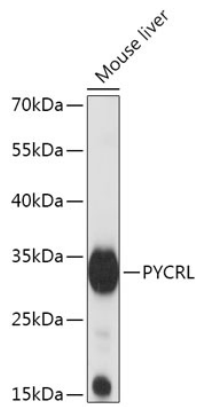
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of lysates from Mouse liver, using PYCRL Rabbit pAb (A17763) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.