Datasheet for ABIN7269765

anti-PYCRL antibody (AA 13-286)

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1 Image

Overview

Quantity:	100 µL
Target:	PYCRL
Binding Specificity:	AA 13-286
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PYCRL antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	PYCRL Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 13-286 of human PYCRL (NP_075566.2).
Sequence:	MAAAEPSPRR VGFVGAGRMA GAIAQGLIRA GKVEAQHILA SAPTDRNLCH FQALGCRTTH SNQEVLQSCL LVIFATKPHV LPAVLAEVAP VVTTEHILVS VAAGVSLSTL EELLPPNTRV LRVLPNLPCV VQEGAIVMAR GRHVGSSETK LLQHLLEACG RCEEVPEAYV DIHTGLSGSG VAFVCAFSEA LAEGAVKMGM PSSLAHRIAA QTLLGTAKML LHEGQHPAQL RSDVCTPGGT TIYGLHALEQ GGLRAATMSA VEAATCRAKE LSRK
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies

Product Details

Purification:	Affinity purification

Target Details

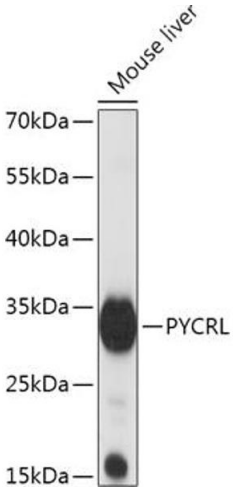
Target:	PYCRL
Alternative Name:	PYCRL (PYCRL Products)
Background:	This gene encodes a protein that belongs to the pyrroline-5-carboxylate reductase family of enzymes. Members of this family catalyze the final step in proline biosynthesis, converting pyrroline-5-carboxylate to proline. Glutamate and 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. [provided by RefSeq, Aug 2016],PYCRL,Signal Transduction,Endocrine & Metabolism,Amino acid metabolism,PYCRL
Gene ID:	65263
UniProt:	Q53H96

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of Mouse liver, using PYCRL antibody (ABIN7269765) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

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