

For Research Use Only

PYCR2-specific Polyclonal antibody

Catalog Number: 55060-1-AP **2 Publications**



Basic Information

Catalog Number:

55060-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_013328

GeneID (NCBI):

29920

UNIPROT ID:

Q96C36

Full Name:

pyrroline-5-carboxylate reductase family, member 2

Calculated MW:

34 kDa

Observed MW:

27-31 kDa, 20 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IF 1:20-1:200

Applications

Tested Applications:

IF/ICC, WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HeLa cells, L02 cells

IF : HeLa cells,

Background Information

PYCR2, also named as P5CR2, belongs to the pyrroline-5-carboxylate reductase family. It catalyses the reaction: L-proline + NAD(P)⁺ = 1-pyrroline-5-carboxylate + NAD(P)H. This antibody is specific to PYCR2 and has no cross reaction to PYCR1.

Notable Publications

Author	Pubmed ID	Journal	Application
Bobby Jones	33446840	Sci Rep	WB
Debanik Choudhury	38354087	Cell Rep	WB,IF

Storage

Storage:

Store at -20°C.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

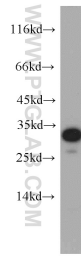
T: 4006900926

E: Proteintech-CN@ptglab.com

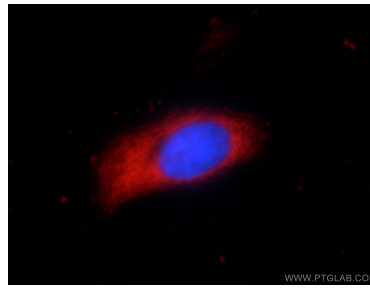
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 55060-1-AP (PYCR2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells using 55060-1-AP (PYCR2 antibody) at dilution of 1:50 and Rhodamine-Goat anti-Rabbit IgG.