

For Research Use Only

CUL2 Polyclonal antibody

Catalog Number: 30071-1-AP



Basic Information

Catalog Number:

30071-1-AP

Size:

150ul , Concentration: 260 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32331

GenBank Accession Number:

BC009591

GeneID (NCBI):

8453

UNIPROT ID:

Q13617

Full Name:

cullin 2

Calculated MW:

87 kDa

Observed MW:

80-87 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse

Positive Controls:

WB : PC-3 cells, Raji cells, NIH/3T3 cells

Background Information

The cullin family proteins are scaffold proteins for the Ring finger type E3 ligases, participating in the proteolysis through the ubiquitin-proteasome pathway. Humans express seven cullin proteins: CUL1-3, CUL4A, CUL4B, CUL5, and CUL7. Each cullin protein can form an E3 ligase similar to the prototype Ring-type E3 ligase Skp1-CUL1-F-box complex. The Cullin-RING-finger type E3 ligases are important regulators in early embryonic development, as highlighted by genetic studies demonstrating that knock-out of CUL1, CUL3, or CUL4A in mice results in early embryonic lethality.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

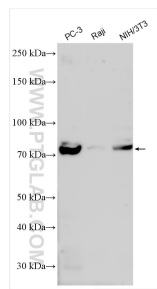
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

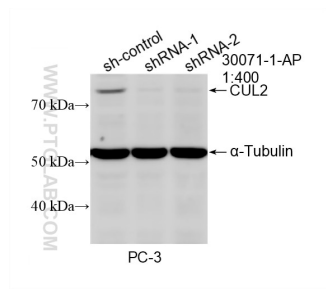
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30071-1-AP (CUL2 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



WB result of CUL2 antibody (30071-1-AP; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-CUL2 transfected PC-3 cells.