

CUL3

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:50 - 1:200

Calculated MW: 89kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human CUL3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

1 mg/ml

Synonym:

CUL-3; PHA2E

Catalog #: A1078

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 8452

Isotype: IgG

Swiss Prot: Q13618

Purity: Affinity purification

For research use only.

Background:

CUL3 (Cullin-3) is a member of the cullin-based ubiquitin ligase family. By interacting with Hrt1 and BTB domain containing proteins, the complex functions as a CUL3-based E3 ligase to bring specific substrates to ubiquitinylation and degradation (1). The CUL3 complex has been shown to target many substrates involved in cell cycle progression (2), transcription (3), development and differentiation (4,5).

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