

## 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:**

be

**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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