

## CUL3 Rabbit Monoclonal Antibody

### Catalog #: EAB21910

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Monoclonal	WB, IHC-P	89	Human, Mouse, Rat

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting)	1:500-2000
IHC-P(Immunohistochemistry-Paraffin)	1:50-200

### Product Information

Conjugate	Unconjugate
Specificity	CUL3 Rabbit Monoclonal Antibody detects endogenous levels of CUL3 protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	<a href="#">Q13618</a>
Entrez-Gene ID	<a href="#">8452</a>

### Product Description

CUL3 is a member of the family of human cullin genes (CUL 1, 2, 3, 4a, 4b, and 5) homologous to the *S. cerevisiae* cdc 53 gene. CUL 1 forms a complex with human p19 skp1 and F box protein p45 skp2. Together with cdc 53 (Known as Cul A), as three subunits, they form a ubiquitin ligase-controlling proteolysis of G1 cell cycle regulatory proteins. In contrast to CUL 1, CUL 2 does not associate with p19 skp1 and p45 skp2. Instead, CUL 2 forms a complex with an inactive transcriptional elongation complex, SIII, formed by three subunits: Elongin C, Elongin B and VHL. The function of this association remains unknown.

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