

Datasheet

CUL3 polyclonal antibody

Catalog Number: PAB10037

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of CUL3.

Immunogen: A synthetic peptide (conjugated with KLH) corresponding to amino acids 1-12 of human CUL3.

Host: Rabbit

Reactivity: Human, Mouse

Applications: ELISA, IHC-P, WB

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Recommend Usage: ELISA (1:2000-1:10000)

Western Blot (1:500-1:1000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In antiserum (0.01% sodium azide)

Storage Instruction: Store at 4°C. For long term

storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 8452

Gene Symbol: CUL3

Gene Alias: -

Gene Summary: CUL3 is a component of a ubiquitin E3 ligase that is essential for mitotic division (Sumara et al., 2007 [PubMed 17543862]).[supplied by OMIM]

References:

1. CUL-2 is required for the G1-to-S-phase transition and mitotic chromosome condensation in *Caenorhabditis*

elegans. Feng H, Zhong W, Punkosdy G, Gu S, Zhou L, Seabolt EK, Kipreos ET. *Nat Cell Biol.* 1999 Dec;1(8):486-92.

2. ROC1, a homolog of APC11, represents a family of cullin partners with an associated ubiquitin ligase activity. Ohta T, Michel JJ, Schottelius AJ, Xiong Y. *Mol Cell.* 1999 Apr;3(4):535-41.

3. Human CUL-1, but not other cullin family members, selectively interacts with SKP1 to form a complex with SKP2 and cyclin A. Michel JJ, Xiong Y. *Cell Growth Differ.* 1998 Jun;9(6):435-49.