

Datasheet for ABIN1881241
anti-Cullin 4B antibody (AA 250-278)[2 Images](#)[5 Publications](#)[Go to Product page](#)

Overview

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| Quantity: | 400 µL |
| Target: | Cullin 4B (CUL4B) |
| Binding Specificity: | AA 250-278 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Cullin 4B antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | This CUL4B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 250-278 amino acids from the Central region of human CUL4B. |
| Clone: | RB42521 |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | M |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

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| Target: | Cullin 4B (CUL4B) |
| Alternative Name: | CUL4B (CUL4B Products) |

Target Details

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| Background: | This gene is a member of the cullin family. The encoded protein forms a complex that functions as an E3 ubiquitin ligase and catalyzes the polyubiquitination of specific protein substrates in the cell. The protein interacts with a ring finger protein, and is required for the proteolysis of several regulators of DNA replication including chromatin licensing and DNA replication factor 1 and cyclin E. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]. |
| Molecular Weight: | 103982 |
| NCBI Accession: | NP_001073341 , NP_003579 |
| UniProt: | Q13620 |

Application Details

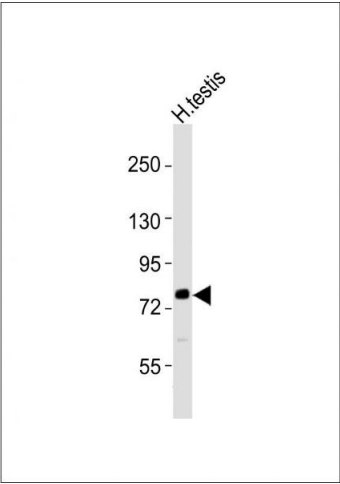
| | |
|--------------------|------------------------|
| Application Notes: | WB: 1:1000. WB: 1:2000 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Expiry Date: | 6 months |

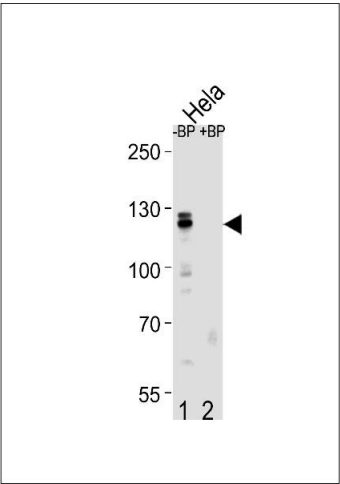
Publications

| | |
|-------------------|--|
| Product cited in: | <p>Choudhary, Kumar, Gnad, Nielsen, Rehman, Walther, Olsen, Mann: "Lysine acetylation targets protein complexes and co-regulates major cellular functions." in: Science (New York, N.Y.), Vol. 325, Issue 5942, pp. 834-40, (2009) (PubMed).</p> <p>Dickeson, Helmkamp, Yarbrough: "Sequence of a human cDNA encoding phosphatidylinositol transfer protein and occurrence of a related sequence in widely divergent eukaryotes." in: Gene, Vol. 142, Issue 2, pp. 301-5, (1994) (PubMed).</p> |
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Western Blotting

Image 1. Anti-CUL4B Antibody (Center) at 1:2000 dilution + human testis lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 104 kDa. Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 2. Western blot analysis of CUL4B Antibody (Center) Pab (ABIN1881241 and ABIN2839068) pre-incubated without (lane 1) and with (lane 2) blocking peptide in HeLa cell line lysate. CUL4B Antibody (Center) (arrow) was detected using the purified Pab.