

Datasheet for ABIN6971562
anti-Cullin 4B antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Cullin 4B (CUL4B)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cullin 4B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This antibody was raised against a peptide within the N-terminal region of human CUL4B.
Isotype:	IgG
Characteristics:	<p>CUL4B (Cullin 4B) is a core component of multiple cullin-RING-based E3 ubiquitin-protein ligase complexes which mediate the ubiquitination and subsequent proteasomal degradation of target proteins. The functional specificity of the E3 ubiquitin-protein ligase complex depends on the variable substrate recognition subunit. CUL4B may act within the complex as a scaffold protein, contributing to catalysis through positioning of the substrate and the ubiquitin-conjugating enzyme. Plays a role as part of the E3 ubiquitin-protein ligase complex in polyubiquitination of CDT1, Histone H2A, Histone H3 and Histone H4 in response to radiation-induced DNA damage and may act as a transcriptional corepressor by ubiquitination of Histone H2AK119 and recruiting PRC2 complexes. CUL4B antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot, it has been shown to react with Human samples.</p>

Product Details

Purification: Affinity Purified

Target Details

Target: Cullin 4B (CUL4B)

Alternative Name: CUL4B ([CUL4B Products](#))

Molecular Weight: 110 kDa

NCBI Accession: [NP_003579](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

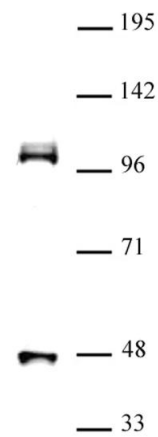
Buffer: Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.

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: -20 °C

Storage Comment: Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.



Western Blotting

Image 1. CUL4B (pAb) tested by Western blot. Detection of CUL4B by Western blot analysis. Nuclear extract of MCF-7 cells (20 µg) was probed with CUL4B (pAb) at a 1:500 dilution.