

Datasheet for ABIN1536673  
**anti-BRD4 antibody (C-Term)**



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1 Image

### Overview

|                      |                                     |
|----------------------|-------------------------------------|
| Quantity:            | 400 µL                              |
| Target:              | BRD4                                |
| Binding Specificity: | AA 1160-1188, C-Term                |
| Reactivity:          | Human                               |
| Host:                | Rabbit                              |
| Clonality:           | Polyclonal                          |
| Conjugate:           | This BRD4 antibody is un-conjugated |
| Application:         | Western Blotting (WB)               |

### Product Details

|                       |                                                                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | This BRD4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1160-1188 amino acids from the C-terminal region of human BRD4. |
| Clone:                | RB36246                                                                                                                                                                |
| Isotype:              | Ig Fraction                                                                                                                                                            |
| Predicted Reactivity: | M                                                                                                                                                                      |
| Purification:         | This antibody is purified through a protein A column, followed by peptide affinity purification.                                                                       |

### Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | BRD4                                   |
| Alternative Name: | BRD4 ( <a href="#">BRD4 Products</a> ) |

## Target Details

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|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:       | The protein encoded by this gene is homologous to the murine protein MCAP, which associates with chromosomes during mitosis, and to the human RING3 protein, a serine/threonine kinase. Each of these proteins contains two bromodomains, a conserved sequence motif which may be involved in chromatin targeting. This gene has been implicated as the chromosome 19 target of translocation t(15,19)(q13,p13.1), which defines an upper respiratory tract carcinoma in young people. Two alternatively spliced transcript variants have been described. [provided by RefSeq]. |
| Molecular Weight: | 152219                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID:          | 23476                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| NCBI Accession:   | <a href="#">NP_055114</a> , <a href="#">NP_490597</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| UniProt:          | <a href="#">O60885</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Pathways:         | <a href="#">Chromatin Binding</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Application Details

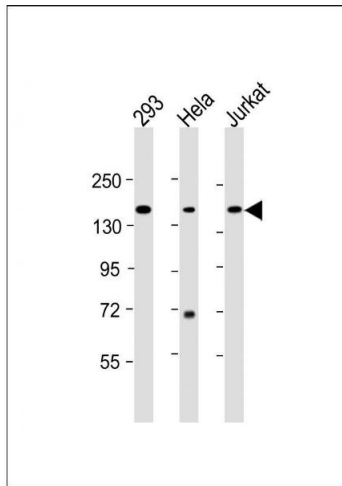
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|                    |                       |
|--------------------|-----------------------|
| Application Notes: | WB: 1:2000            |
| Restrictions:      | For Research Use only |

## 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                                                                                                            |
| Storage Comment:   | BRD4 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.        |
| Expiry Date:       | 6 months                                                                                                               |



### Western Blotting

**Image 1.** All lanes : Anti-BRD4 Antibody (C-term) at 1:2000 dilution Lane 1: 293 whole cell lysate Lane 2: HeLa whole cell lysate Lane 3: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 152 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.