Datasheet for ABIN7150164

# anti-Retinoblastoma Binding Protein 8 antibody (AA 126-331)

2 Images

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## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | Retinoblastoma Binding Protein 8 (RBBP8) |
| Binding Specificity: | AA 126-331 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Retinoblastoma Binding Protein 8 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC) |

## Product Details

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|---|---|
| Immunogen: | Recombinant Human DNA endonuclease RBBP8 protein (126-331AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

## Target Details

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|---|---|
| Target: | Retinoblastoma Binding Protein 8 (RBBP8) |
| Alternative Name: | RBBP8 (RBBP8 Products) |
| Background: | Background: Endonuclease that cooperates with the MRE11-RAD50-NBN (MRN) complex in processing meiotic and mitotic double-strand breaks (DSBs) by ensuring both resection and |

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## Target Details

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| | intrachromosomal association of the broken ends. Functions downstream of the MRN complex and ATM, promotes ATR activation and its recruitment to DSBs in the S/G2 phase facilitating the generation of ssDNA. Component of the BRCA1-RBBP8 complex that regulates CHEK1 activation and controls cell cycle G2/M checkpoints on DNA damage. Promotes microhomology-mediated alternative end joining (A-NHEJ) during class-switch recombination and plays an essential role in chromosomal translocations.<br>Aliases: COM1 antibody, COM1_HUMAN antibody, CtBP interacting protein antibody, CtBP-interacting protein antibody, CtIP antibody, DNA endonuclease RBBP8 antibody, JWDS antibody, RB binding protein 8 endonuclease antibody, RBBP-8 antibody, RBBP8 antibody, Retinoblastoma-binding protein 8 antibody, Retinoblastoma-interacting protein and myosin-like antibody, Rim antibody, SAE2 antibody, SCKL2 antibody, Sporulation in the absence of SPO11 protein 2 homolog antibody |
| UniProt: | Q99708 |
| Pathways: | Cell Division Cycle, DNA Damage Repair |

## Application Details

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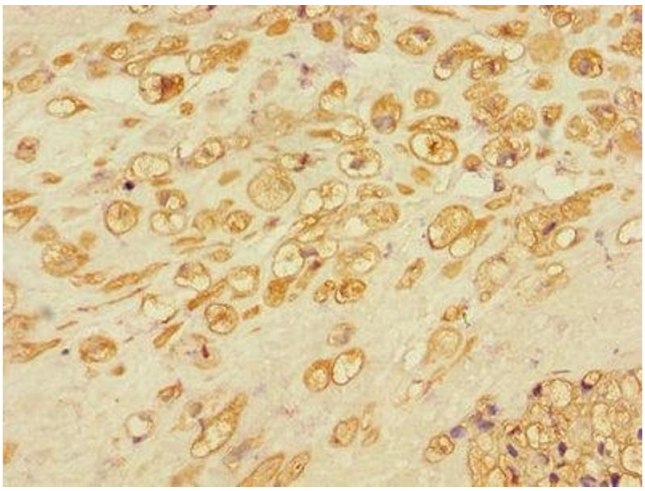
| Application Notes: | Recommended dilution: IHC:1:20-1:200, |
| Restrictions: | For Research Use only |

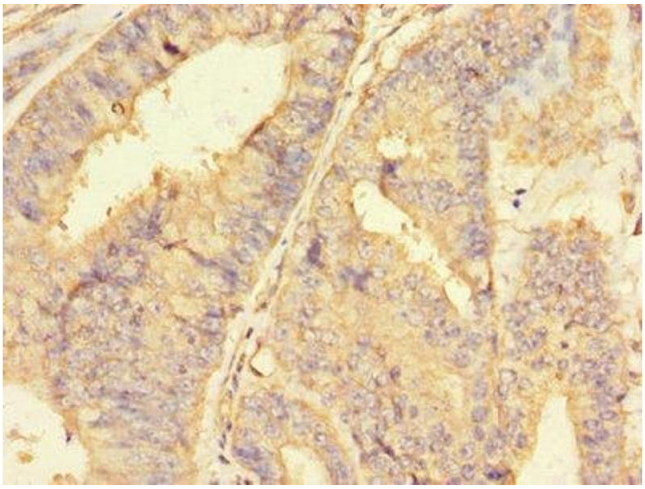
## Handling

| | |
|---|---|
| Format: | Liquid |
| Buffer: | Preservative: 0.03 % Proclin 300<br>Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4 |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |



**Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human placental tissue using ABIN7150164 at dilution of 1:100



**Immunohistochemistry**

**Image 2.** Immunohistochemistry of paraffin-embedded human endometrial cancer using ABIN7150164 at dilution of 1:100

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