

Datasheet for ABIN7150167

**anti-Retinoblastoma Binding Protein 8 antibody (AA 126-331)
(HRP)**[Go to Product page](#)

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 conjugated to HRP
Application:	ELISA

Product Details

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

Target Details

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

Target Details

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.

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

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

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
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.