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# Datasheet for ABIN762866 anti-Retinoblastoma Binding Protein 4 antibody (AA 231-330)



#### Overview

Quantity:	100 μL
Target:	Retinoblastoma Binding Protein 4 (RBBP4)
Binding Specificity:	AA 231-330
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoblastoma Binding Protein 4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RbAp48
Isotype:	lgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Chicken,Rabbit,Zebrafish
Purification:	Purified by Protein A.
Target Details	

Target:Retinoblastoma Binding Protein 4 (RBBP4)

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Target Details	
Alternative Name:	Rbap48 (RBBP4 Products)
Background:	Synonyms: RBBP4_HUMAN, Histone-binding protein RBBP4, Chromatin assembly factor 1
	subunit C, CAF-1 subunit C, Chromatin assembly factor I p48 subunit, CAF-I 48 kDa subunit,
	CAF-I p48, Nucleosome-remodeling factor subunit RBAP48, Retinoblastoma-binding protein 4,
	RBBP-4, Retinoblastoma-binding protein p48.
	Background: RbAp48 (Retinoblastoma-binding protein p48 or Rb-associated protein p48)is a
	WD repeat protein that is a core histone binding subunit common to several complexes
	involved in chromatin assembly, chromatin remodeling, and histone deacetylation. These
	complexes include Chromatin Assembly Factor 1 (CAF1), which is required for chromatin
	assembly following DNA replication and repair, the core histone deacetylase (HDAC) complex,
	which promotes histone deacetylation and subsequent transcriptional repression, the
	nucleosome remodeling and histone deacetylation complex NuRD, the nucleosome remodeling
	factor (NURF) complex, and the PRC2 complex, which promotes repression of homeotic genes
	during development. RpAp48 also interacts with the retinoblastoma protein, and with
	SPEN/MINT and BRCA1. It is also a component of the DREAM complex, which represses cell
	cycle-dependent genes in quiescent cells.
Gene ID:	5928
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases, Stem Cell Maintenance, Chromatin Binding, Proteir
	targeting to Nucleus
Application Details	
Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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### Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months