

Datasheet for ABIN7468875

anti-Retinoblastoma Binding Protein 4 antibody (AA 1-425)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Retinoblastoma Binding Protein 4 (RBBP4)
Binding Specificity:	AA 1-425
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Retinoblastoma Binding Protein 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	The complete coding region (amino acids 1-425) of RbAp48 expressed in E. coli.
Clone:	13D10
Isotype:	IgG2b
Cross-Reactivity:	Human
Purification:	Protein G purified

Target Details

Target:	Retinoblastoma Binding Protein 4 (RBBP4)
Alternative Name:	RB binding protein 4, chromatin remodeling factor (RBBP4 Products)

Target Details

Background:	Synonyms: RB binding protein 4, chromatin remodeling factor , NURF55 , RBAP48 , lin-53 Background: This gene encodes a ubiquitously expressed nuclear protein which belongs to a highly conserved subfamily of WD-repeat proteins. It is present in protein complexes involved in histone acetylation and chromatin assembly. It is part of the Mi-2 complex which has been implicated in chromatin remodeling and transcriptional repression associated with histone deacetylation. This encoded protein is also part of co-repressor complexes, which is an integral component of transcriptional silencing. It is found among several cellular proteins that bind directly to retinoblastoma protein to regulate cell proliferation. This protein also seems to be involved in transcriptional repression of E2F-responsive genes. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008]
Molecular Weight:	48 kDa
Gene ID:	5928
UniProt:	Q09028
Pathways:	Cell Division Cycle , Mitotic G1-G1/S Phases , Stem Cell Maintenance , Chromatin Binding , Protein targeting to Nucleus

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IP: 1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HeLa nuclear extract , SH-SY-5Y , SH-SY-5Y nuclear extract Validation: Orthogonal
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.