

KD-Validated Anti-RBBP7 Mouse Monoclonal Antibody

Mouse monoclonal Antibody

Catalog # AGI2165

Product Information

Application	WB
Primary Accession	Q16576
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	24GB13975
Calculated MW	47820
Gene Name	RBBP7
Aliases	RBBP7; RB Binding Protein 7, Chromatin Remodeling Factor; Histone Acetyltransferase Type B Subunit 2; Retinoblastoma-Binding Protein P46; Retinoblastoma-Binding Protein 7; RbAp46; G1/S Transition Control Protein-Binding Protein RbAp46; Nucleosome-Remodeling Factor Subunit RBAP46; Retinoblastoma-Binding Protein RbAp46; Histone-Binding Protein RBBP7; RBBP-7; Retinoblastoma Binding Protein 7; RB Binding Protein 7; RBAP46
Immunogen	Recombinant protein of human RBBP7

Additional Information

Gene ID	5931
Other Names	Histone-binding protein RBBP7, Histone acetyltransferase type B subunit 2, Nucleosome-remodeling factor subunit RBAP46, Retinoblastoma-binding protein 7, RBBP-7, Retinoblastoma-binding protein p46, RBBP7, RBAP46

Protein Information

Name	RBBP7
Synonyms	RBAP46
Function	Core histone-binding subunit that may target chromatin remodeling factors, histone acetyltransferases and histone deacetylases to their histone substrates in a manner that is regulated by nucleosomal DNA. Component of several complexes which regulate chromatin metabolism. These include the type B histone acetyltransferase (HAT) complex, which is required for chromatin assembly following DNA replication; the core histone deacetylase (HDAC) complex, which promotes histone deacetylation and consequent transcriptional repression; the nucleosome remodeling and histone deacetylase complex (the NuRD complex), which promotes transcriptional repression by histone deacetylation and nucleosome remodeling; and the PRC2/EED-EZH2 complex, which promotes repression of homeotic genes

during development; and the NURF (nucleosome remodeling factor) complex.

Cellular Location

Nucleus

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