

KD-Validated Anti-RBBP7 Mouse Monoclonal Antibody Mouse monoclonal Antibody Catalog # AGI2165

Specification

KD-Validated Anti-RBBP7 Mouse Monoclonal Antibody - Product Information

Predicted, 48 kDa, observed, 50 kDa KDa RBBP7 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; RB
Recombinant protein of human RBBP7

KD-Validated Anti-RBBP7 Mouse Monoclonal Antibody - 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

KD-Validated Anti-RBBP7 Mouse Monoclonal Antibody - 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

KD-Validated Anti-RBBP7 Mouse Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

KD-Validated Anti-RBBP7 Mouse Monoclonal Antibody - Images



Western blotting analysis using anti-RBBP7 antibody (Cat#AGI2165). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RBBP7 antibody (Cat#AGI2165, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.





Western blotting analysis using anti-RBBP7 antibody (Cat#AGI2165). RBBP7 expression in wild-type (WT) and RBBP7 shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-RBBP7 antibody (Cat#AGI2165, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.