

RbAp48 Antibody

Rabbit mAb Catalog # AP91861

Specification

RbAp48 Antibody - Product Information

Application WB, IHC, FC, ICC, IP

Primary Accession
Reactivity
Rat

Clonality Monoclonal

Other Names

CAF I p48; CAF-I p48; NURF55; RBAP48; RBBP4;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 47656 Da

RbAp48 Antibody - Additional Information

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

RbAp48

Description Core histone-binding subunit that may

target chromatin assembly factors, chromatin remodeling factors and histone

deacetylases to their histone substrates in a manner that is regulated by nucleosomal DNA. Component of several complexes which regulate chromatin metabolism. Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

RbAp48 Antibody - Protein Information

Storage Condition and Buffer

Name RBBP4

Synonyms RBAP48

Function

Core histone-binding subunit that may target chromatin assembly factors, chromatin remodeling factors 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 chromatin assembly factor 1 (CAF-1) complex, which is required for chromatin assembly following DNA replication and DNA repair; 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





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repression by histone deacetylation and nucleosome remodeling; the PRC2 complex, which promotes repression of homeotic genes during development; and the NURF (nucleosome remodeling factor) complex.

Cellular Location

Nucleus. Chromosome, telomere. Note=Localizes to chromatin as part of the PRC2 complex.

Tissue Location

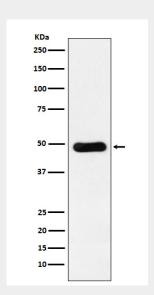
Expressed in neuroblastoma cells.

RbAp48 Antibody - Protocols

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

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

RbAp48 Antibody - Images



Western blot analysis of RbAp48 expression in Jurkat cell lysate.