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RbAp48 Rabbit pAb

Catalog # AP53574

Product Information

Primary Accession	Q09028
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	47656

Additional Information

Gene ID	5928
Other Names	NURF55; RBAP48; lin-53
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

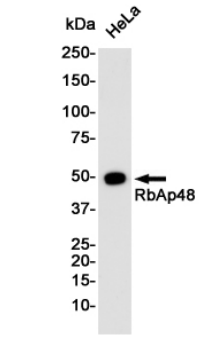
Protein Information

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 (PubMed:10866654). Component of the chromatin assembly factor 1 (CAF-1) complex, which is required for chromatin assembly following DNA replication and DNA repair (PubMed:8858152). Component of the core histone deacetylase (HDAC) complex, which promotes histone deacetylation and consequent transcriptional repression (PubMed:9150135). Component of the nucleosome remodeling and histone deacetylase complex (the NuRD complex), which promotes transcriptional repression by histone deacetylation and nucleosome remodeling (PubMed:16428440, PubMed:28977666, PubMed:39460621). Component of the PRC2 complex, which promotes repression of homeotic genes during development (PubMed:29499137, PubMed:31959557). Component of the NURF (nucleosome remodeling factor) complex (PubMed:14609955, PubMed:15310751).
Cellular Location	Nucleus. Chromosome, telomere. Note=Localizes to chromatin as part of the PRC2 complex.
Tissue Location	Expressed in neuroblastoma cells.

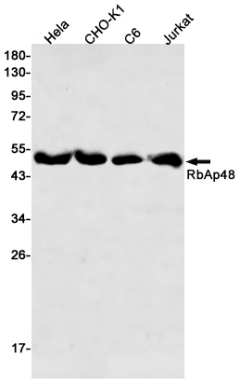
Background

Swiss-Prot Acc.Q09028.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 repression by histone deacetylation and nucleosome remodeling; the PRC2/EED-EZH2 complex, which promotes repression of homeotic genes during development; and the NURF (nucleosome remodeling factor) complex.

Images



Western blot detection of RbAp48 in Hela cell lysates using RbAp48 Rabbit pAb(1:1000 diluted).Predicted band size:48KDa.Observed band size:48KDa.



Western blot detection of RbAp48 in Hela,CHO-K1,C6,Jurkat cell lysates using RbAp48 Rabbit pAb(1:500 diluted).Predicted band size:48kDa.Observed band size:48kDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.