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RBBP4 Rabbit mAb

Catalog # AP76013

Product Information

Application	WB, IHC-P, IHC-F, FC, IP
Primary Accession	Q09028
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	47656

Additional Information

Gene ID	5928
Other Names	RBBP4
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A IHC-F~~N/A FC~~1:20-1:50 IP~~1:20
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
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).

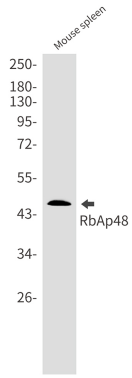
Cellular Location Nucleus. Chromosome, telomere. Note=Localizes to chromatin as part of the PRC2 complex.

Tissue Location Expressed in neuroblastoma cells.

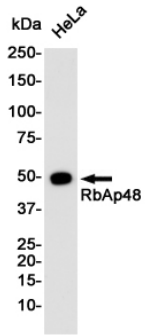
Background

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.

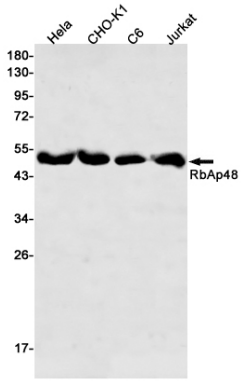
Images



Western blot analysis of RbAp48 in mouse spleen lysates using RBBP4 antibody.

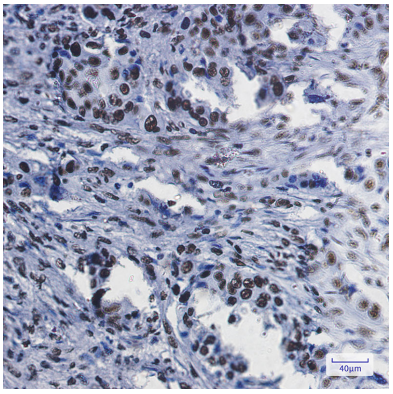


Western blot analysis of RbAp48 in Hela lysates using RbAp48 antibody.

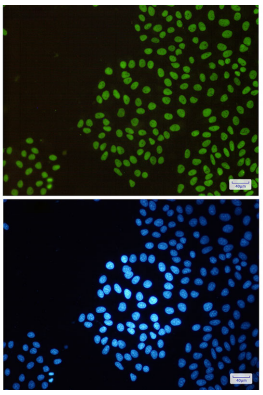


Western blot analysis of RbAp48 in Hela, CHO-K1, C6, Jurkat lysates using RbAp48 antibody

Immunohistochemistry analysis of paraffin-embedded Human lung cancer using RbAp48 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for



antigen retrieval.



Immunocytochemistry analysis of RbAp48(green) in Hela using RbAp48 antibody,and DAPI (blue).High-pressure and temperature Sodium Citrate pH6.0 was used for antigen retrieval.

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