10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Rbbp4 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI13976

Product Information

Application	WB
Primary Accession	Q60972
Other Accession	NM_009030, NP_033056
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47656

Additional Information

Gene ID	19646
Alias Symbol	mRbAp48
Other Names	Histone-binding protein RBBP4, Chromatin assembly factor 1 subunit C, CAF-1 subunit C, Chromatin assembly factor I p48 subunit, CAF-I 48 kDa subunit, CAF-I p48, Nucleosome-remodeling factor subunit RBAP48, Retinoblastoma-binding protein 4, RBBP-4, Retinoblastoma-binding protein p48, Rbbp4, Rbap48
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Rbbp4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Rbbp4 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

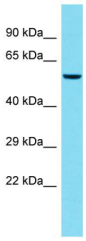
Name	Rbbp4
Synonyms	Rbap48
Function	Core histone-binding subunit that may target chromatin assembly factors, chromatin remodeling factors and histone deacetylases to their histone substrates in a manner that is regulated by nucleosomal DNA (By similarity). Component of the chromatin assembly factor 1 (CAF-1) complex, which is required for chromatin assembly following DNA replication and DNA repair

	(By similarity). Component of the core histone deacetylase (HDAC) complex, which promotes histone deacetylation and consequent transcriptional repression (By similarity). Component of the nucleosome remodeling and histone deacetylase complex (the NuRD complex), which promotes transcriptional repression by histone deacetylation and nucleosome remodeling (By similarity). Component of the PRC2 complex, which promotes repression of homeotic genes during development (By similarity). Component of the NURF (nucleosome remodeling factor) complex (By similarity).
Cellular Location	Nucleus {ECO:0000250|UniProtKB:Q09028}. Chromosome, telomere {ECO:0000250|UniProtKB:Q09028}. Note=Localizes to chromatin as part of the PRC2 complex. {ECO:0000250|UniProtKB:Q09028}
Tissue Location	Higher levels in brain, thymus, lung, spleen, kidney, testis, and ovary/uterus; lower levels in heart, liver, and muscle.

References

Qian Y.-W.,et al.J. Biol. Chem. 270:25507-25513(1995).
Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Laherty C.D.,et al.Mol. Cell 2:33-42(1998).
Zhang Q.,et al.Mol. Cell. Biol. 20:4970-4978(2000).

Images



Host: Rabbit
Target Name: Rbbp4
Sample Tissue: Mouse Testis lysates
Antibody Dilution: 1.0µg/ml