

Datasheet for ABIN2786818

anti-Retinoblastoma Binding Protein 4 antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Retinoblastoma Binding Protein 4 (RBBP4)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Dog, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoblastoma Binding Protein 4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Mouse Rbbp4
Sequence:	TAKISDFSWN PNEPWWICSV SEDNIMQVWQ MAENIYNDED PEGSVDPEGQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Rbbp4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Retinoblastoma Binding Protein 4 (RBBP4)
Alternative Name:	Rbbp4 (RBBP4 Products)

Target Details

Background:	Rbbp4 is a 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, and the PRC2/EED-EZH2 complex, which promotes repression of homeotic genes during development, and the NURF (nucleosome remodeling factor) complex. Alias Symbols: mRbAp48 Protein Interaction Partner: L3mbtl2, E130012A19Rik, Hdac1, Nanog, Suz12, Tcf3, Runx1, HIST3H3, Kdm2b, Rnf2, Mta2, Gata1, Ezh1, Sall4, Esrrb, Mtf2, Jarid2, Ezh2, Eed, Protein Size: 425
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Molecular Weight:	47 kDa
Gene ID:	19646
NCBI Accession:	NM_009030 , NP_033056
UniProt:	Q60972
Pathways:	Cell Division Cycle , Mitotic G1-G1/S Phases , Stem Cell Maintenance , Chromatin Binding , Protein targeting to Nucleus

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 425 AA
Restrictions:	For Research Use only

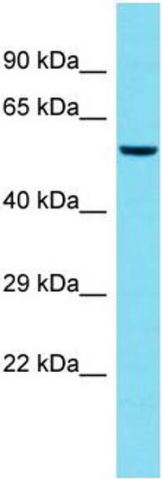
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit

Target Name: Rbbp4

Sample Tissue: Mouse Testis lysates

Antibody Dilution: 1.0 µg/mL