

Datasheet for ABIN2786817

anti-Retinoblastoma Binding Protein 4 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	Retinoblastoma Binding Protein 4 (RBBP4)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Zebrafish (Danio rerio), 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 N terminal region of human RBBP4
Sequence:	HTSDEQNHLV IASVQLPNDD AQFDASHYDS EKGEFGGFGS VSGKIEIEIK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against RBBP4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Retinoblastoma Binding Protein 4 (RBBP4)
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Target Details

Alternative Name:	RBBP4 (RBBP4 Products)
Background:	This gene encodes a ubiquitously expressed nuclear protein which belongs to a highly conserved subfamily of WD-repeat proteins. It is present in protein complexes involved in histone acetylation and chromatin assembly. It is part of the Mi-2 complex which Alias Symbols: NURF55, RBAP48 Protein Interaction Partner: HUWE1, MTA1, FUS, HAT1, UBC, HIST1H4A, CEP76, TP53, TUBGCP3, CEP250, DNMT3B, NACC2, MDM2, RNF2, SUZ12, EZH2, RBBP7, PDIA3, DDX39B, ATP6V1A, MTPN, MIB1, FBXO6, CDK20, DYRK4, HIPK4, CHAF1A, UBD, SOX2, NPM1, IGSF8, HDAC1, CD81, PAN2, TSSK3, MTA3, SIN3A, CDYL Protein Size: 425
Molecular Weight:	48 kDa
Gene ID:	5928
NCBI Accession:	NM_005610 , NP_005601
UniProt:	Q09028
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

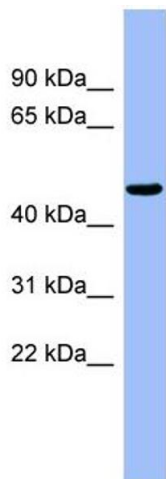
Handling

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

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. WB Suggested Anti-RBBP4 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human Muscle