

Datasheet for ABIN7155453

anti-Retinoblastoma Binding Protein 4 antibody (AA 246-425)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	Retinoblastoma Binding Protein 4 (RBBP4)
Binding Specificity:	AA 246-425
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoblastoma Binding Protein 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Histone-binding protein RBBP4 protein (246-425AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	Retinoblastoma Binding Protein 4 (RBBP4)
Alternative Name:	RBBP4 (RBBP4 Products)
Background:	Background: Core histone-binding subunit that may target chromatin assembly factors, chromatin remodeling factors and histone deacetylases to their histone substrates in a manner

Target Details

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. Aliases: CAF I p48 antibody, CAF-1 subunit C antibody, CAF-I 48 kDa subunit antibody, CAF-I p48 antibody, Chromatin assembly factor 1 subunit C antibody, Chromatin assembly factor I p48 subunit antibody, Chromatin assembly factor/CAF 1 p48 subunit antibody, Histone-binding protein RBBP4 antibody, MSI1 protein homolog antibody, Nucleosome-remodeling factor subunit RBAP48 antibody, NURF55 antibody, RB binding protein 4 chromatin remodeling factor antibody, RbAp 48 antibody, RBAP48 antibody, RBBP-4 antibody, RBBP4 antibody, RBBP4_HUMAN antibody, Retinoblastoma binding protein 4 antibody, Retinoblastoma binding protein p48 antibody, Retinoblastoma-binding protein 4 antibody, Retinoblastoma-binding protein p48 antibody

UniProt: [Q09028](#)

Pathways: [Cell Division Cycle](#), [Mitotic G1-G1/S Phases](#), [Stem Cell Maintenance](#), [Chromatin Binding](#), [Protein targeting to Nucleus](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

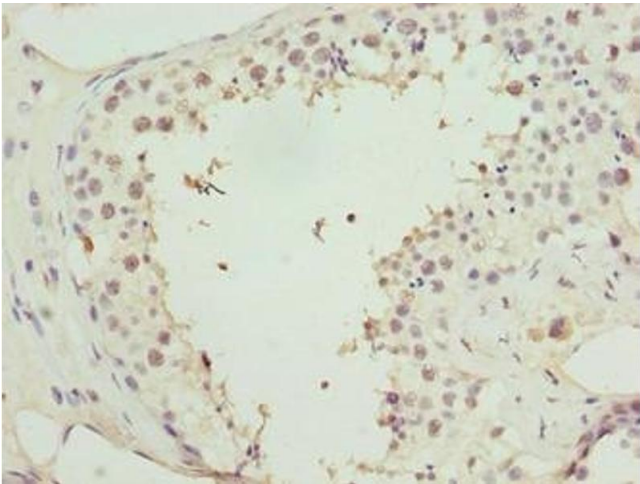
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

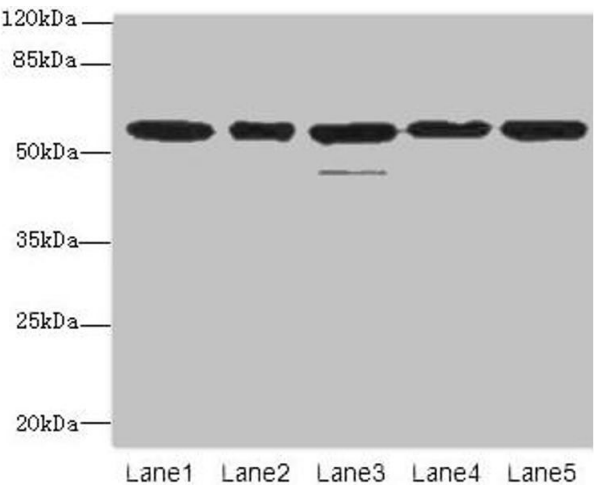
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7155453 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: RBBP4 antibody at 1 µg/mL
Lane 1: Hela whole cell lysate Lane 2: LO2 whole cell lysate
Lane 3: K562 whole cell lysate Lane 4: NIH/3T3 whole cell
lysate Lane 5: Raji whole cell lysate Secondary Goat
polyclonal to rabbit IgG at 1/10000 dilution Predicted band
size: 48, 47, 44 kDa Observed band size: 48, 55 kDa