

A6967

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# RbAp46/RBBP7 Rabbit pAb

Catalog No.: A6967 **2 Publications**

## Basic Information

### Observed MW

48kDa

### Calculated MW

48kDa

### Category

Polyclonal Antibody

### Applications

WB,IP,ChIP,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

This protein is a ubiquitously expressed nuclear protein and belongs to a highly conserved subfamily of WD-repeat proteins. It is found among several proteins that binds directly to retinoblastoma protein, which regulates cell proliferation. The encoded protein is found in many histone deacetylase complexes, including mSin3 co-repressor complex. It is also present in protein complexes involved in chromatin assembly. This protein can interact with BRCA1 tumor-suppressor gene and may have a role in the regulation of cell proliferation and differentiation. Two transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts  
of whole cells

**ChIP** 5µg antibody for  
10µg-15µg of  
Chromatin

## Immunogen Information

### Gene ID

5931

### Swiss Prot

Q16576

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-230 of human RbAp46/RBBP7 (NP\_002884.1).

### Synonyms

RbAp46; RbAp46/RBBP7

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

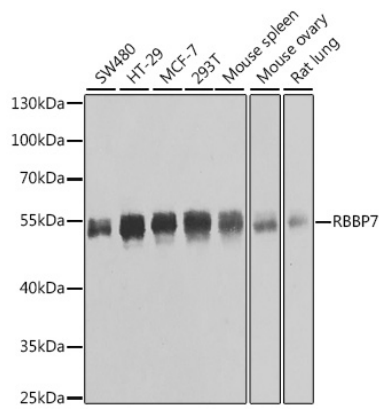
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of various lysates using RbAp46/RBBP7 Rabbit pAb (A6967) at 1:1000 dilution.

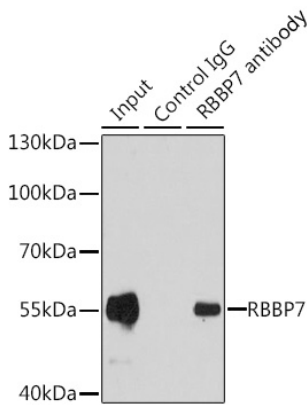
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

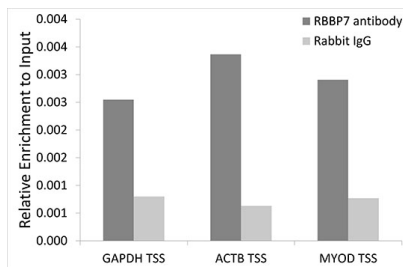
Exposure time: 1s.



Immunoprecipitation analysis of 200 µg extracts of MCF7 cells using 1 µg

RbAp46/RBBP7 antibody (A6967). Western blot was performed from the

immunoprecipitate using RbAp46/RBBP7 antibody (A6967) at a dilution of 1:1000.



Chromatin immunoprecipitation analysis of extracts of 293T cells, using RbAp46/RBBP7 antibody (A6967) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.