

A6967

Leader in Biomolecular Solutions for Life Science



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

ELISA Recommended starting
concentration is 1
µg/mL. Please optimize
the concentration
based on your specific
assay requirements.

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

Immunogen Information

Gene ID

5931

Swiss Prot

Q16576

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

RbAp46; RbAp46/RBBP7

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

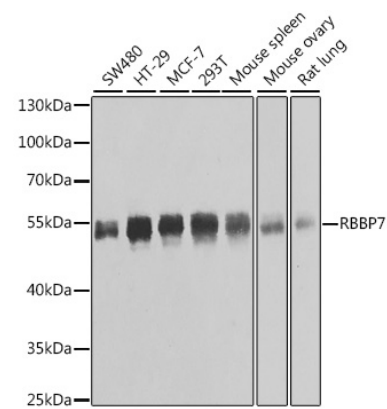
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Contact

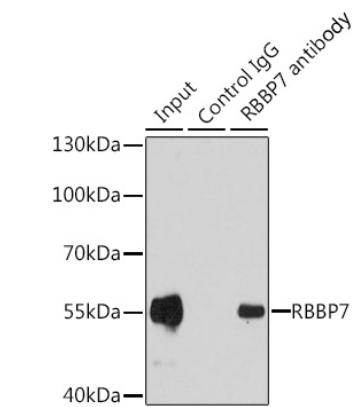


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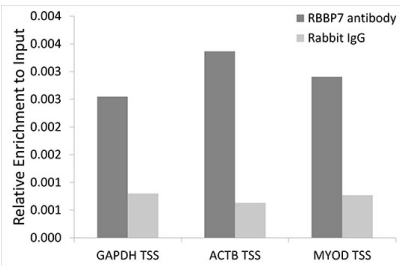
Validation Data



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