

RbAp46/RBBP7 Rabbit mAb

Catalog No.: A22274 **Recombinant** **1 Publications**

Basic Information

Observed MW

50kDa

Calculated MW

48kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC55384

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	1:2000 - 1:20000
IHC-P	1:100 - 1:500
IF/ICC	1:50 - 1:200

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

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Product Information

Source

Rabbit

Isotype

IgG

Purification

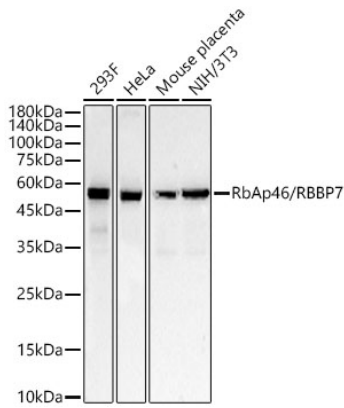
Affinity purification

Storage

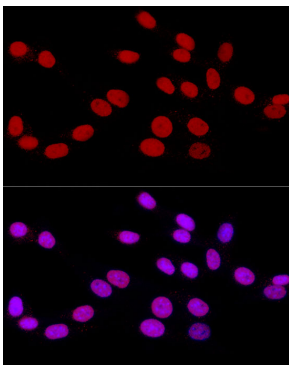
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

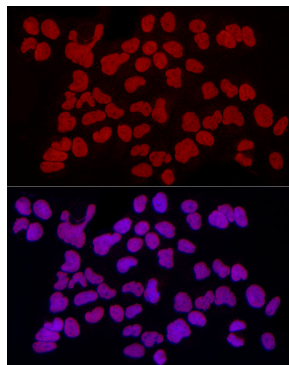
Validation Data



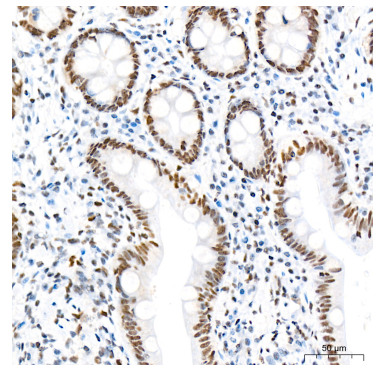
Western blot analysis of various lysates, using RbAp46/RBBP7 Rabbit mAb (A22274) at 1:20000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.



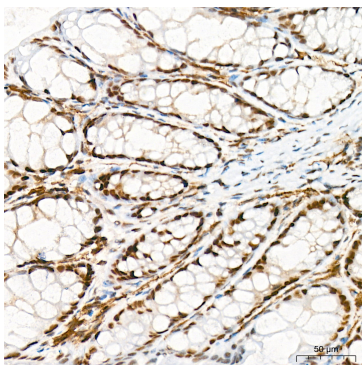
Immunofluorescence analysis of NIH/3T3 cells using RbAp46/RBBP7 Rabbit mAb (A22274) at dilution of 1:100(40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



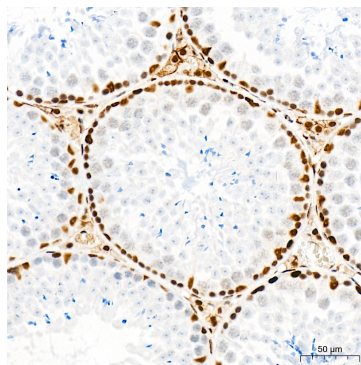
Immunofluorescence analysis of U-2 OS cells using RbAp46/RBBP7 Rabbit mAb (A22274) at dilution of 1:100(40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



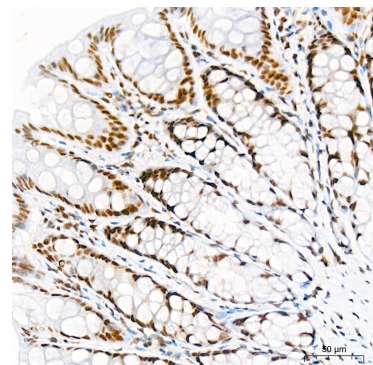
Immunohistochemistry analysis of RbAp46/RBBP7 in paraffin-embedded human small intestine tissue using RbAp46/RBBP7 Rabbit mAb (A22274) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of RbAp46/RBBP7 in paraffin-embedded mouse colon tissue using RbAp46/RBBP7 Rabbit mAb (A22274) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

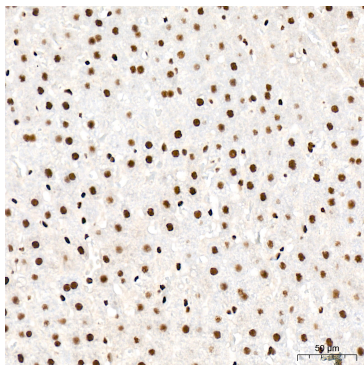


Immunohistochemistry analysis of RbAp46/RBBP7 in paraffin-embedded mouse testis tissue using RbAp46/RBBP7 Rabbit mAb (A22274) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of RbAp46/RBBP7 in paraffin-embedded rat colon tissue using RbAp46/RBBP7 Rabbit mAb (A22274) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of RbAp46/RBP7 in paraffin-embedded rat liver tissue using RbAp46/RBP7 Rabbit mAb (A22274) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.