

RecomAb™

RBBP4 recombinant monoclonal antibody, clone R07-5D6

Catalog # RAB01951 Size 100 uL

Specification

| | |
|----------------------|---|
| Product Description | Rabbit recombinant monoclonal antibody raised against human RBBP4. |
| Antibody Species | Rabbit |
| Immunogen | Original antibody is raised against a synthetic peptide corresponding to human RBBP4. |
| Theoretical MW (kDa) | Calculated MW: 48 kD |
| Reactivity | Hamster, Human, Mouse, Rat |
| Form | Liquid |
| Purification | Affinity purification |
| Isotype | IgG |
| Recommend Usage | Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:100) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA) |
| Storage Instruction | Store at -20 °C. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Western Blot

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation

Gene Info — RBBP4

Entrez GeneID [5928](#)

Protein Accession# [Q09028](#)

Gene Name RBBP4

Gene Alias NURF55, RBAP48

Gene Description retinoblastoma binding protein 4

Omim ID [602923](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 has been implicated in chromatin re modeling and transcriptional repression associated with histone deacetylation. This encoded protein is also part of co-repressor complexes, which is an integral component of transcriptional silencing. It is found among several cellular proteins that bind directly to retinoblastoma protein to regulate cell proliferation. This protein also seems to be involved in transcriptional repression of E2F-responsive genes. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations MSI1 protein homolog|OTTHUMP00000009691|chromatin assembly factor/CAF-1 p48 subunit|retinoblastoma-binding protein 4|retinoblastoma-binding protein p48

Disease

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- [Diabetes Mellitus](#)
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