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# RBBP9 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RBBP9.
Catalog # AT3589a

## Product Information

| | |
|---|---|
| **Application** | WB, IF |
| **Primary Accession** | O75884 |
| **Other Accession** | NM_006606 |
| **Reactivity** | Human |
| **Host** | mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG2a Kappa |
| **Clone Names** | 2A11 |
| **Calculated MW** | 21000 |

## Additional Information

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|---|---|
| **Gene ID** | 10741 |
| **Other Names** | Putative hydrolase RBBP9, 3---, B5T-overexpressed gene protein, Protein BOG, Retinoblastoma-binding protein 10, RBBP-10, Retinoblastoma-binding protein 9, RBBP-9, RBBP9, BOG, RBBP10 |
| **Target/Specificity** | RBBP9 (NP_006597, 87 a.a. ~ 185 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Dilution** | WB~~1:500~1000 IF~~1:50~200 |
| **Format** | Clear, colorless solution in phosphate buffered saline, pH 7.2 . |
| **Storage** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| **Precautions** | RBBP9 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Background

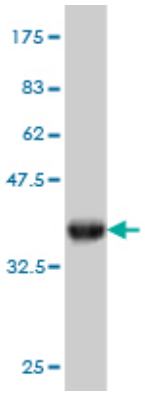
The protein encoded by this gene is a retinoblastoma binding protein that may play a role in the regulation of cell proliferation and differentiation. Two alternatively spliced transcript variants of this gene with identical predicted protein products have been reported, one of which is a nonsense-mediated decay candidate.

## References

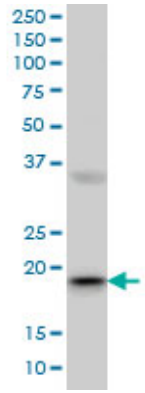
RBBP9: a tumor-associated serine hydrolase activity required for pancreatic neoplasia. Shields DJ, et al. Proc

Natl Acad Sci U S A, 2010 Feb 2. PMID 20080647.Crystal structure of human retinoblastoma binding protein 9. Vorobiev SM, et al. Proteins, 2009 Feb 1. PMID 19004028.Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.

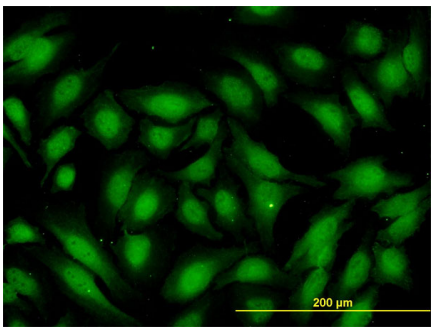
## Images




Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .




RBBP9 monoclonal antibody (M01), clone 2A11 Western Blot analysis of RBBP9 expression in MCF-7 ( (Cat # AT3589a )




Immunofluorescence of monoclonal antibody to RBBP9 on HeLa cell. [antibody concentration 10 ug/ml]

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.