

RBM9 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RBM9.

Catalog # AT3593a

Product Information

Application	WB, IHC, IF, E
Primary Accession	O43251
Other Accession	BC013115
Reactivity	Human, Mouse
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4G3
Calculated MW	41374

Additional Information

Gene ID	23543
Other Names	RNA binding protein fox-1 homolog 2, Fox-1 homolog B, Hexaribonucleotide-binding protein 2, RNA-binding motif protein 9, RNA-binding protein 9, Repressor of tamoxifen transcriptional activity, RBFOX2, FOX2, HRNBP2, RBM9, RTA
Target/Specificity	RBM9 (AAH13115, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
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	RBM9 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

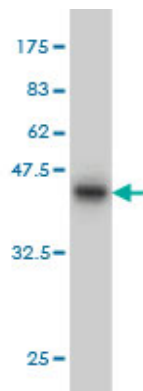
Background

This gene is one of several human genes similar to the *C. elegans* gene Fox-1. This gene encodes an RNA binding protein that is thought to be a key regulator of alternative exon splicing in the nervous system and other cell types. The protein binds to a conserved UGCAUG element found downstream of many alternatively spliced exons and promotes inclusion of the alternative exon in mature transcripts. The protein also interacts with the estrogen receptor 1 transcription factor and regulates estrogen receptor 1 transcriptional activity. Multiple transcript variants encoding different isoforms have been found for this gene.

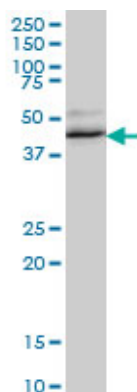
References

1.FOX-2 Dependent Splicing of Ataxin-2 Transcript Is Affected by Ataxin-1 Overexpression.Welzel F, Kaehler C, Isau M, Hallen L, Lehrach H, Krobitch S.PLoS One. 2012;7(5):e37985. Epub 2012 May 30.

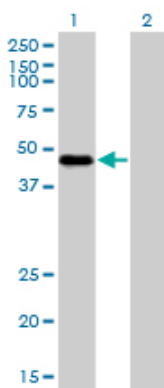
Images



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

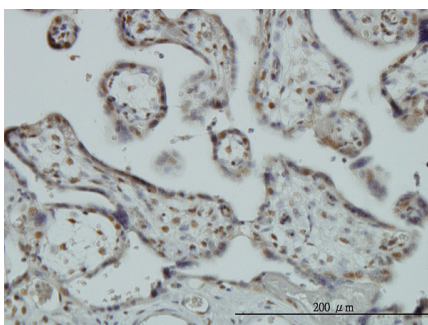


RBM9 monoclonal antibody (M01), clone 4G3 Western Blot analysis of RBM9 expression in NIH/3T3 ((Cat # AT3593a)



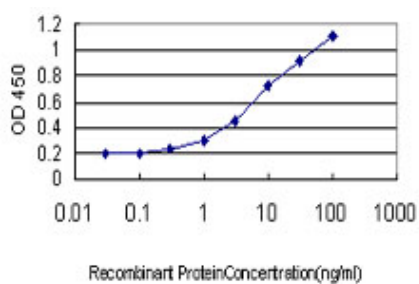
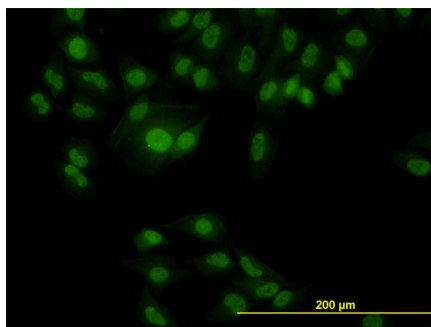
Western Blot analysis of RBM9 expression in transfected 293T cell line by RBM9 monoclonal antibody (M01), clone 4G3.

Lane 1: RBM9 transfected lysate(40.4 KDa).
Lane 2: Non-transfected lysate.

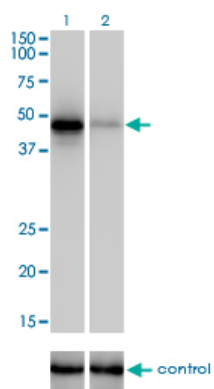


Immunoperoxidase of monoclonal antibody to RBM9 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

Immunofluorescence of monoclonal antibody to RBM9 on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged RBM9 is approximately 0.1ng/ml as a capture antibody.



Western blot analysis of RBM9 over-expressed 293 cell line, cotransfected with RBM9 Validated Chimera RNAi (Cat # AT3593a)

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