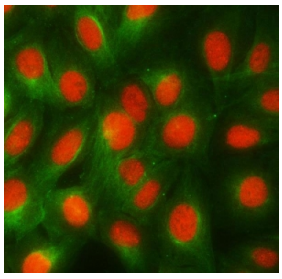
RBMY1A1 Antibody (RQ7841)

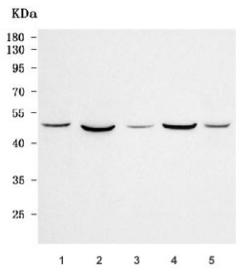
Catalog No.	Formulation	Size
RQ7841	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P0DJD3
Localization	Nuclear
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This RBMY1A1 antibody is available for research use only.



Immunofluorescent staining of FFPE human HeLa cells with RBMY1A1 antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human HEL, 2) rat brain, 3) mouse testis, 4) mouse brain and 5) mouse NIH 3T3 cell lysate with RBMY1A1 antibody. Predicted molecular weight ~56/51/41 kDa (three isoforms).

Description

RNA-binding motif protein, Y chromosome, family 1 member A1/C is a protein that in humans is encoded by the RBMY1A1 gene. This gene encodes a protein containing an RNA-binding motif in the N-terminus and four SRGY (serine, arginine, glycine, tyrosine) boxes in the C-terminus. This protein is thought to function as a splicing regulator during spermatogenesis. Multiple closely related paralogs of this gene are found in a gene cluster in the AZFb azoospermia factor region of chromosome Y. Most of these related copies are thought to be pseudogenes, though several likely encode functional proteins.

Application Notes

Optimal dilution of the RBMY1A1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids R188-Y496) was used as the immunogen for the RBMY1A1 antibody.

Storage

After reconstitution, the RBMY1A1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.