

RBM23 Rabbit pAb

Catalog # AP96325

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q86U06
Other Accession	Q86U06
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48731
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RBM23
Epitope Specificity	101-200/439
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
SIMILARITY	Belongs to the splicing factor SR family. Contains 2 RRM (RNA recognition motif) domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the U2AF-like family of RNA binding proteins. This protein interacts with some steroid nuclear receptors, localizes to the promoter of a steroid- responsive gene, and increases transcription of steroid-responsive transcriptional reporters in a hormone-dependent manner. It is also implicated in the steroid receptor-dependent regulation of alternative splicing. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	55147
Other Names	RBM23_HUMAN; RBM23; CAPER beta (CAPERbeta); RNA-binding motif protein 23; RNA-binding region-containing protein 4; Splicing factor SF2; RNPC4; RNA binding motif protein 23; RNA-binding region (RNP1, RRM) containing 4; coactivator of activating protein-1 and estrogen receptors beta
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	RBM23 {ECO:0000303 PubMed:31693891, ECO:0000312 HGNC:HGNC:20155}
Function	RNA-binding protein that acts both as a transcription coactivator and pre-mRNA splicing factor (PubMed: 15694343). Regulates steroid hormone receptor-mediated transcription, independently of the pre-mRNA splicing factor activity (PubMed: 15694343).
Cellular Location	Nucleus.
Tissue Location	Highly expressed in placenta, liver, skeletal muscle, heart and kidney (PubMed:15694343). Expressed at lower levels in the colon, thymus, spleen, small intestine and lung (PubMed:15694343).

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