

hnRNP G Rabbit mAb
Catalog # AP75559**Specification**

hnRNP G Rabbit mAb - Product Information

Application	WB, IHC-P, IHC-F, ICC
Primary Accession	P38159
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	42332

hnRNP G Rabbit mAb - Additional Information**Gene ID** 27316**Other Names**
RBMX**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A
IHC-F~~N/A
ICC~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**hnRNP G Rabbit mAb - Protein Information****Name** RBMX**Synonyms** HNRPG, RBMXP1**Function**
RNA-binding protein that plays several role in the regulation of pre- and post-transcriptional processes. Implicated in tissue- specific regulation of gene transcription and alternative splicing of several pre-mRNAs. Binds to and stimulates transcription from the tumor suppressor TXNIP gene promoter; may thus be involved in tumor suppression. When associated with SAFB, binds to and stimulates transcription from the SREBF1 promoter. Associates with nascent mRNAs transcribed by RNA polymerase II. Component of the supraspliceosome complex that regulates pre-mRNA alternative splice site selection. Can either activate or suppress exon inclusion; acts additively with TRA2B to promote exon 7 inclusion of the survival motor neuron SMN2. Represses the splicing of MAPT/Tau exon 10. Binds preferentially to single-stranded 5'-CC[A/C]-rich RNA sequence motifs localized in a single-stranded conformation; probably binds RNA as a homodimer. Binds

non-specifically to pre-mRNAs. Also plays a role in the cytoplasmic TNFR1 trafficking pathways; promotes both the IL-1-beta-mediated inducible proteolytic cleavage of TNFR1 ectodomains and the release of TNFR1 exosome-like vesicles to the extracellular compartment.

Cellular Location

Nucleus Note=Component of ribonucleosomes. Localizes in numerous small granules in the nucleus

Tissue Location

Expressed strongly in oral keratinocytes, but only weakly detected in oral squamous cell carcinomas (at protein level)

hnRNP G Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

hnRNP G Rabbit mAb - Images

