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RBM19 Rabbit pAb

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Catalog # AP94166

Product Information

Application	WB
Primary Accession	Q9Y4C8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	107332
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RBM19
Epitope Specificity	1-100/960
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 > nucleolus. Nucleus > nucleoplasm. Cytoplasm. Chromosome. In discrete foci distributed throughout the cytoplasm and nucleoplasm during the 4 to 8 cell stages and the morula stage, but not in the periphery of the nucleolar precursor body (NPB). During blastocyst development, becomes increasingly localized to the nucleolus and less to the cytoplasm. At the late blastocyst stage, localized predominantly in the nucleolus. Localized in the nucleolus during interphase and to the perichromosomal sheath during mitosis. Does not colocalize in the cytoplasm with GW182 in P-bodies. May translocate to the nucleolus upon early embryonic development (By similarity). Colocalizes with NPM1 during interphase. By late prophase, metaphase, anaphase and telophase, associates with the chromosome periphery. By telophase localizes to NPB.
SIMILARITY	Belongs to the RRM MRD1 family. Contains 6 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 nucleolar protein that contains six RNA-binding motifs. The encoded protein may be involved in regulating ribosome biogenesis. Multiple alternatively spliced variants, encoding the same protein, have been identified.[provided by RefSeq, Apr 2009]

Additional Information

Gene ID	9904
Other Names	Probable RNA-binding protein 19, RNA-binding motif protein 19, RBM19, KIAA0682
Target/Specificity	Expressed in the crypts of Lieberkuhn of the intestine and in intestinal

	neoplasia (at protein level).
Dilution	WB=1:500-2000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
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.

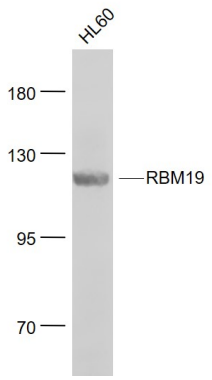
Protein Information

Name	RBM19
Synonyms	KIAA0682
Function	Plays a role in embryo pre-implantation development.
Cellular Location	Nucleus, nucleolus. Nucleus, nucleoplasm Cytoplasm. Chromosome. Note=In discrete foci distributed throughout the cytoplasm and nucleoplasm during the 4 to 8 cell stages and the morula stage, but not in the periphery of the nucleolar precursor body (NPB). During blastocyst development, becomes increasingly localized to the nucleolus and less to the cytoplasm. At the late blastocyst stage, localized predominantly in the nucleolus Localized in the nucleolus during interphase and to the perichromosomal sheath during mitosis. Does not colocalize in the cytoplasm with GW182 in P-bodies. May translocate to the nucleolus upon early embryonic development (By similarity). Colocalizes with NPM1 during interphase By late prophase, metaphase, anaphase and telophase, associates with the chromosome periphery. By telophase localizes to NPB.
Tissue Location	Expressed in the crypts of Lieberkuhn of the intestine and in intestinal neoplasia (at protein level)

Background

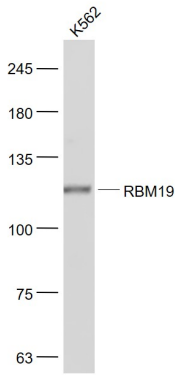
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images

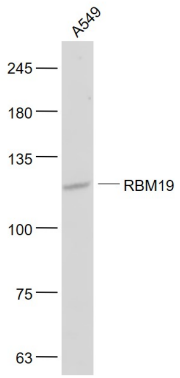


Sample: HL60(Human) Cell Lysate at 30 ug Primary: Anti-RBM19 (AP94166) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size:108 kD Observed band size: 110 kD

Sample: K562(Human) Cell Lysate at 30 ug Primary: Anti-RBM19 (AP94166) at 1/1000 dilution Secondary:



IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 108 kD Observed band size: 108 kD



Sample: A549(Human) Cell Lysate at 30 ug Primary: Anti-RBM19 (AP94166) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 108 kD Observed band size: 108 kD