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Rabbit Anti-RBM17 antibody

SL19765R

Product Name:	RBM17
Chinese Name:	RNABinding protein17抗体
Alias:	45 kDa-splicing factor; RBM 17; Rbm17; RNA binding motif protein 17; RNA binding motif protein17; RNA-binding motif protein 17; SPF 45; SPF45; SPF45_HUMAN; Splicing factor (45 kD); Splicing factor (45kD); Splicing factor 45; Splicing factor 45 kDa; Splicing factor 45kDa.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	45kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RBM17:231-330/401
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	This gene encodes an RNA binding protein. The encoded protein is part of the spliceosome complex and functions in the second catalytic step of mRNA splicing. Alternatively spliced transcript variants have been described. Related pseudogenes exist on chromosomes 9 and 15. [provided by RefSeq, Mar 2009]

Function:
Splice factor that binds to the single stranded 3'AG at the exon/intron border and promotes its utilization in the second catalytic step. Involved in the regulation of alternative splicing and the utilization of cryptic splice sites. Promotes the utilization of a cryptic splice site created by the beta-110 mutation in the HBB gene. The resulting frameshift leads to sickle cell anemia.

Subcellular Location:
Nucleus.

Similarity:
Contains 1 G-patch domain.
Contains 1 RRM (RNA recognition motif) domain.

SWISS:
Q96I25

Gene ID:
84991

Database links:

Entrez Gene: 84991 Human

Entrez Gene: 76938 Mouse

Entrez Gene: 291295 Rat

Omim: 606935 Human

SwissProt: Q96I25 Human

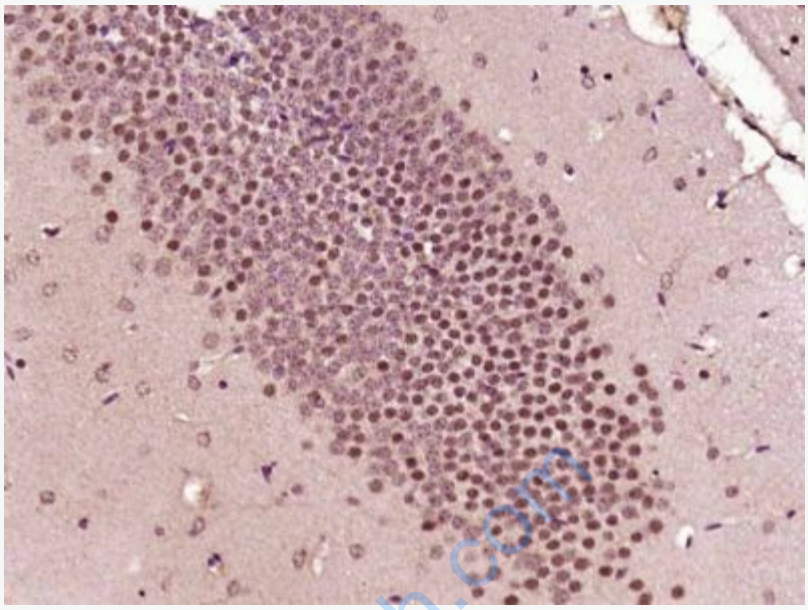
SwissProt: Q8JZX4 Mouse

Unigene: 498548 Human

Unigene: 182769 Mouse

Unigene: 20694 Rat

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

Picture:	 Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RBM17) Polyclonal Antibody, Unconjugated (SL19765R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.