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Rabbit Anti-RBM28 antibody

SL19769R

Product Name:	RBM28
Chinese Name:	RNABinding protein28抗体
Alias:	2810480G15Rik; FLJ10377; RBM 28; RBM28; RBM28_HUMAN; RNA binding motif protein 28; RNA binding protein 28; RNA-binding motif protein 28; RNA-binding protein 28.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Dog,Horse,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:	85kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RBM28:601-700/759
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:	The protein encoded by this gene is a specific nucleolar component of the spliceosomal small nuclear ribonucleoprotein (snRNP)complexes . It specifically associates with U1, U2, U4, U5, and U6 small nuclear RNAs (snRNAs), possibly coordinating their transition through the nucleolus. Mutation in this gene causes alopecia, progressive neurological defects, and endocrinopathy (ANE syndrome), a pleiotropic and clinically

heterogeneous disorder. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]

Function:
Nucleolar component of the spliceosomal ribonucleoprotein complexes.

Subcellular Location:
Nucleus > nucleolus.

Tissue Specificity:
Ubiquitously expressed.

DISEASE:
Defects in RBM28 are the cause of alopecia neurologic defects and endocrinopathy syndrome (ANES) [MIM:612079]. Affected individuals have hair loss of variable severity, ranging from complete alopecia to near-normal scalp hair with absence of body hair. All have moderate to severe mental retardation, progressive motor deterioration and central hypogonadotropic hypogonadism with delayed or absent puberty and central adrenal insufficiency. Additional features included short stature, microcephaly, gynecomastia, pigmentary anomalies, hypodontia, kyphoscoliosis, ulnar deviation of the hands, and loss of subcutaneous fat.

Similarity:
Contains 4 RRM (RNA recognition motif) domains.

SWISS:
Q9NW13

Gene ID:
55131

Database links:

Entrez Gene: 475203 Dog

Entrez Gene: 100071725 Horse

Entrez Gene: 55131 Human

Entrez Gene: 100338231 Rabbit

Omim: 612074 Human

SwissProt: Q9NW13 Human

Unigene: 274263 Human

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