

RBM28 Rabbit pAb

Catalog # AP98539

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9NW13
Other Accession	Q9NW13
Predicted	Human, Mouse, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	85738
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RBM28
Epitope Specificity	601-700/759
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 4 RRM (RNA recognition motif) domains.
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	55131
Other Names	ANES; NOP4; RBM28_HUMAN; RBM28; RNA-binding motif protein 28; RNA binding motif protein 28
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000

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	RBM28
Function	Nucleolar component of the spliceosomal ribonucleoprotein complexes.
Cellular Location	Nucleus, nucleolus {ECO:0000269 PubMed:12429849, ECO:0000269 PubMed:17081119, ECO:0000269 Ref.7}
Tissue Location	Ubiquitously expressed.

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