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EFTUD2 Antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI15811

Product Information

Application	WB
Primary Accession	Q15029
Other Accession	NM_004247, NP_004238
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	109436

Additional Information

Gene ID	9343
Alias Symbol	MFDM, Snrp116, Snu114, U5-116KD
Other Names	116 kDa U5 small nuclear ribonucleoprotein component, Elongation factor Tu GTP-binding domain-containing protein 2, SNU114 homolog, hSNU114, U5 snRNP-specific protein, 116 kDa, U5-116 kDa, EFTUD2, KIAA0031, SNRP116
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-EFTUD2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	EFTUD2 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	EFTUD2
Synonyms	KIAA0031, SNRP116
Function	Required for pre-mRNA splicing as component of the spliceosome, including pre-catalytic, catalytic and post-catalytic spliceosomal complexes (PubMed:25092792, PubMed:28076346, PubMed:28502770, PubMed:28781166, PubMed:29301961, PubMed:29360106, PubMed:29361316, PubMed:30315277, PubMed:30705154). Component of the U5 snRNP and the U4/U6-U5 tri-snRNP complex, a building block of the spliceosome (PubMed:16723661). As a component of the minor spliceosome,

	involved in the splicing of U12-type introns in pre-mRNAs (Probable).
Cellular Location	Nucleus

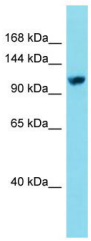
Background

Component of the U5 snRNP and the U4/U6-U5 tri-snRNP complex required for pre-mRNA splicing. Binds GTP.

References

Nomura N.,et al.DNA Res. 1:27-35(1994).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Fabrizio P.,et al.EMBO J. 16:4092-4106(1997).

Images



Host: Rabbit
Target Name: EFTUD2
Sample Tissue: Jurkat Whole cell lysate
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Antibody Dilution: 1.0µg/ml

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