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EFTUD2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9288c

Product Information

Application	WB, IHC-P, E
Primary Accession	Q15029
Other Accession	O08810, Q5F3X4, A4FUD3
Reactivity	Human
Predicted	Bovine, Chicken, Mouse, Rat, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB23747
Calculated MW	109436
Antigen Region	257-284

Additional Information

Gene ID	9343
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
Target/Specificity	This EFTUD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 257-284 amino acids from the Central region of human EFTUD2.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	EFTUD2 Antibody (Center) 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

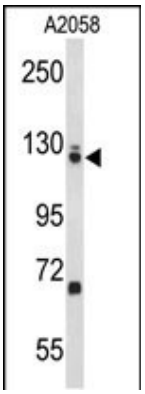
Background

EFTUD2 is component of the U5 snRNP complex required for pre-mRNA splicing.

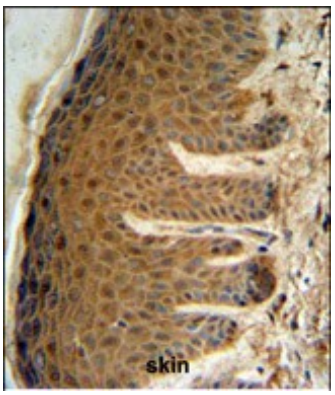
References

Miele,A., et.al., J. Cell. Biochem. 102 (1), 136-148 (2007)
Koch,H.B., et.al., Cell Cycle 6 (2), 205-217 (2007)
Ewing,R.M., et.al., Mol. Syst. Biol. 3, 89 (2007)

Images



Western blot analysis of EFTUD2 Antibody (Center) (Cat. #AP9288c) in A2058 cell line lysates (35ug/lane). EFTUD2 (arrow) was detected using the purified Pab.



EFTUD2 Antibody (Center) (Cat. #AP9288c) IHC analysis in formalin fixed and paraffin embedded human skin tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the EFTUD2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

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