

# EFTUD2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9288c

## Product Information

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<b>Application</b>	WB, IHC-P, E
<b>Primary Accession</b>	<a href="#">Q15029</a>
<b>Other Accession</b>	<a href="#">O08810</a> , <a href="#">Q5F3X4</a> , <a href="#">A4FUD3</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Bovine, Chicken, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB23747
<b>Calculated MW</b>	109436
<b>Antigen Region</b>	257-284

## Additional Information

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<b>Gene ID</b>	9343
<b>Other Names</b>	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
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	EFTUD2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	EFTUD2
<b>Synonyms</b>	KIAA0031, SNRP116

<b>Function</b>	Required for pre-mRNA splicing as component of the spliceosome, including pre-catalytic, catalytic and post-catalytic spliceosomal complexes (PubMed: <a href="#">25092792</a> , PubMed: <a href="#">28076346</a> , PubMed: <a href="#">28502770</a> , PubMed: <a href="#">28781166</a> , PubMed: <a href="#">29301961</a> , PubMed: <a href="#">29360106</a> , PubMed: <a href="#">29361316</a> , PubMed: <a href="#">30315277</a> , PubMed: <a href="#">30705154</a> ). Component of the U5 snRNP and the U4/U6-U5 tri-snRNP complex, a building block of the spliceosome (PubMed: <a href="#">16723661</a> ). As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (Probable).
<b>Cellular Location</b>	Nucleus

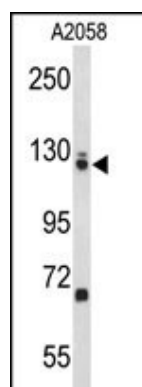
## Background

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

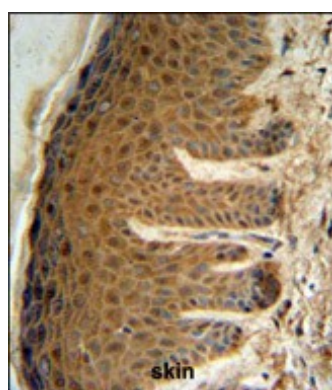
## References

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'.