10320 Camino Santa Fe, Suite G
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EFTUD2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9288c

Specification

EFTUD2 Antibody (Center) - Product Information

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

EFTUD2 Antibody (Center) - 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~~1:50~100

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.

EFTUD2 Antibody (Center) - Protein Information

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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:28502770, PubMed:28781166, PubMed:28076346, PubMed:29361316, PubMed:30315277, PubMed:29360106, PubMed:29301961, PubMed:30705154, PubMed:25092792). 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).

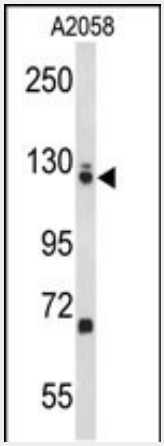
Cellular Location
Nucleus

EFTUD2 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

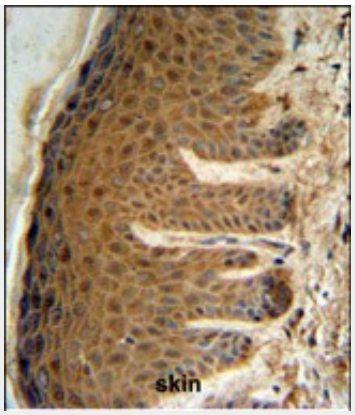
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EFTUD2 Antibody (Center) - 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.

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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.

EFTUD2 Antibody (Center) - Background

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

EFTUD2 Antibody (Center) - 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)