10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

EFTUD2 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP9288c

Specification

EFTUD2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q15029

EFTUD2 Antibody (Center) Blocking Peptide - 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
The synthetic peptide sequence used to generate the antibody AP9288c was selected from the Center region of human EFTUD2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

EFTUD2 Antibody (Center) Blocking Peptide - 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:28502770, PubMed:28781166, PubMed:28076346, PubMed:29361316, PubMed:30315277, PubMed:29360106, PubMed:<a

href="http://www.uniprot.org/citations/29301961" target="_blank">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) Blocking Peptide - Protocols

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

- Blocking Peptides

EFTUD2 Antibody (Center) Blocking Peptide - Images

EFTUD2 Antibody (Center) Blocking Peptide - Background

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

EFTUD2 Antibody (Center) Blocking Peptide - 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)