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TFIP11 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20105a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9UBB9
Other Accession	A1XD95, NP_036275.1
Reactivity	Human, Rat, Mouse
Predicted	Monkey, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	96820
Antigen Region	42-70

Additional Information

Gene ID	24144
Other Names	Tuftelin-interacting protein 11, Septin and tuftelin-interacting protein 1, STIP-1, TFIP11, STIP
Target/Specificity	This TFIP11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 42-70 amino acids from the N-terminal region of human TFIP11.
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	TFIP11 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TFIP11
Synonyms	STIP
Function	Involved in pre-mRNA splicing, specifically in spliceosome disassembly

during late-stage splicing events. Intron turnover seems to proceed through reactions in two lariat-intron associated complexes termed Intron Large (IL) and Intron Small (IS). In cooperation with DHX15 seems to mediate the transition of the U2, U5 and U6 snRNP- containing IL complex to the snRNP-free IS complex leading to efficient debranching and turnover of excised introns. May play a role in the differentiation of ameloblasts and odontoblasts or in the forming of the enamel extracellular matrix.

Cellular Location

Cytoplasm. Nucleus. Note=In the nucleus localizes to unique speckle domains in close proximity to nuclear speckles and not identical to paraspeckles

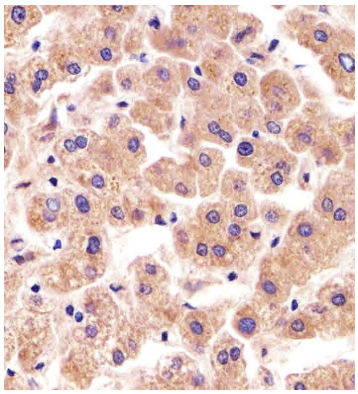
Background

TFIP11 is a nuclear speckle-localized protein that may play a role in spliceosome disassembly in Cajal bodies (Stanek et al., 2008 [PubMed 18367544]).

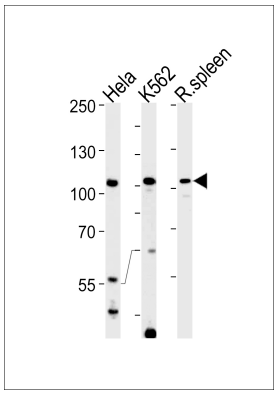
References

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Gratacos, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009) :
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Images



Immunohistochemical analysis of paraffin-embedded H. liver section using TFIP11 Antibody (N-term)(Cat#AP20105a). AP20105a was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



TFIP11 Antibody (N-term) (Cat. #AP20105a) western blot analysis in Hela,K562 cell line and rat spleen tissue lysates (35ug/lane).This demonstrates the TFIP11 antibody detected the TFIP11 protein (arrow).

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