

# TFIP11 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20105a

## Product Information

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<b>Application</b>	WB, IHC-P, E
<b>Primary Accession</b>	<a href="#">Q9UBB9</a>
<b>Other Accession</b>	<a href="#">A1XD95</a> , <a href="#">NP_036275.1</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Predicted</b>	Monkey
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Calculated MW</b>	96820
<b>Antigen Region</b>	42-70

## Additional Information

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<b>Gene ID</b>	24144
<b>Other Names</b>	Tuftelin-interacting protein 11, Septin and tuftelin-interacting protein 1, STIP-1, TFIP11, STIP
<b>Target/Specificity</b>	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.
<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>	TFIP11 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	TFIP11
<b>Synonyms</b>	STIP
<b>Function</b>	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

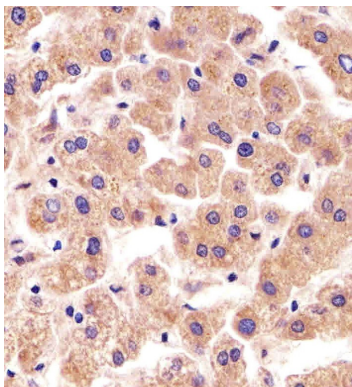
## Background

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

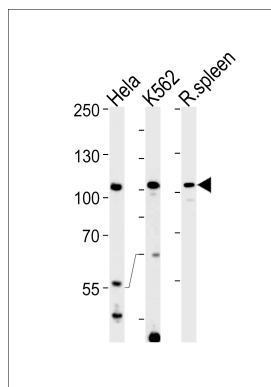
## References

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Tannukit, S., et al. Biochem. Biophys. Res. Commun. 390(3):1044-1050(2009)  
Gratacos, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009) :  
Stanek, D., et al. Mol. Biol. Cell 19(6):2534-2543(2008)  
Patir, A., et al. Caries Res. 42(5):394-400(2008)

## 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'.