

TFIP11 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20105a**Specification**

TFIP11 Antibody (N-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	O9UBB9
Other Accession	A1XD95 , NP_036275.1
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	96820
Antigen Region	42-70

TFIP11 Antibody (N-term) - 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

IHC-P~~1:25

WB~~1:1000

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.

TFIP11 Antibody (N-term) - 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

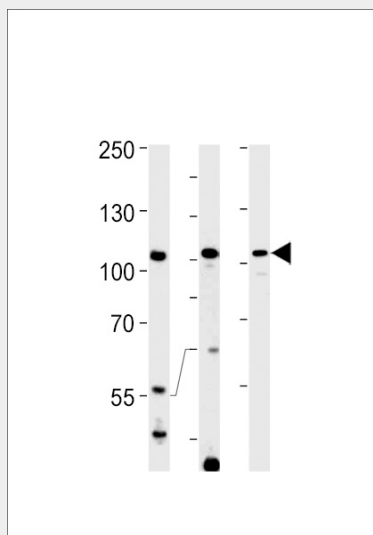
Cytoplasm. Nucleus. Note=In the nucleus localizes to unique speckle domains in close proximity to nuclear speckles and not identical to paraspeckles

TFIP11 Antibody (N-term) - Protocols

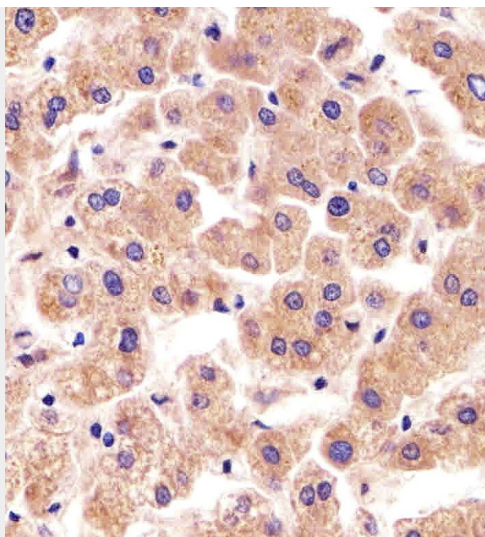
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TFIP11 Antibody (N-term) - Images



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).



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) - 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]).

TFIP11 Antibody (N-term) - References

Saus, E., et al. J Psychiatr Res (2010) In press :
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)