

### **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 Q9UBB9

Other Accession A1XD95, NP 036275.1

Reactivity
Predicted
Monkey
Host
Clonality
Polyclonal
Isotype
Calculated MW
Antigen Region
Human
Monkey
Rabbit
Polyclonal
Rabbit IgG
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**

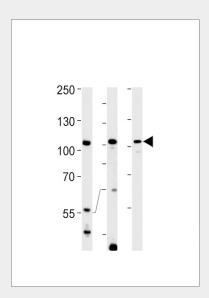
Cytoplasm. Nucleus. Note=In the nucleus localizes to unique speckle domains in close proximity to nuclear speckles and not identical to paraspeckles

# TFIP11 Antibody (N-term) - Protocols

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

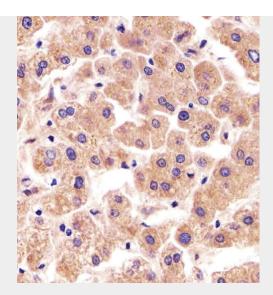
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# 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)