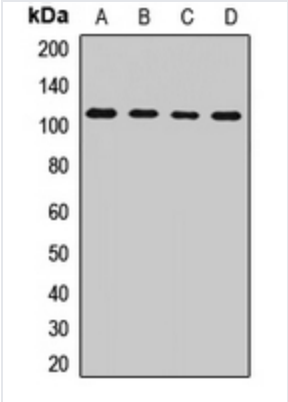
TFIP1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TFIP1, Polyclonal Antibody
Full Product Name	Anti-TFIP1 Antibody
Product Gene Name	anti-TFIP1 antibody
Product Synonym Gene Name	TFIP11
Product Synonym Names	STIP; Tuftelin-interacting protein 11; Septin and tuftelin-interacting protein 1; STIP-1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	Purified by immunogen affinity chromatography
Specificity	Recognizes endogenous levels of TFIP1 protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	22,431 Da
OMIM	AF070662 mRNA
3D Structure	ModBase 3D Structure for Q9UBB9
Immunogen	Recombinant full length protein of human TFIP1
Applications Tested/Suitable for anti-TFIP1 antibody	Western Blot (WB)
Application Notes for anti-TFIP1 antibody	WB: 1/500 - 1/2000
Related Product Information for anti-TFIP1 antibody	MBS8292684 is an antibody targeting TFIP1. Reactive in Human, Mouse. Host: Rabbit. Rabbit polyclonal antibody to TFIP1
Other Notes	Small volumes of anti-TFIP1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-TFIP1 antibody
Western blot analysis of TFIP1 expression in A431 (A), MCF7 (B), mouse brain (C), mouse liver (D) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TFIP1. It may not necessarily be applicable to this product.

NCBI GI #	56788356
NCBI GeneID	24144
NCBI Accession #	NP_001008697.1
UniProt Primary Accession #	Q9UBB9
UniProt Secondary Accession #	O95908; Q20WL0; Q5H8V8; Q9UGV7; Q9Y2Q8
UniProt Related Accession #	Q9UBB9
GenBank Nucleotide #	NM_001008697.2
NCBI Official Full Name	tuftelin-interacting protein 11 isoform 1
NCBI Official Synonym Full Names	tuftelin interacting protein 11
NCBI Official Symbol	TFIP11
NCBI Official Synonym Symbols	NTR1; STIP; TIP39; STIP-1; Spp382; bK445C9.6
UniProt Protein Name	Tuftelin-interacting protein 11
UniProt Synonym Protein Names	Septin and tuftelin-interacting protein 1; STIP-1
UniProt Gene Name	TFIP11
UniProt Synonym Gene Names	STIP; STIP-1
NCBI Protein Information	tuftelin-interacting protein 11
NCBI Summary for TFIP1	This gene encodes a protein component of the spliceosome that promotes the release of the lariat-intron during late-stage splicing through the recruitment of a pre-mRNA splicing factor called DEAH-box helicase 15. The encoded protein contains a G-patch domain, a hallmark of RNA-processing proteins, that binds DEAH-box helicase 15. This protein contains an atypical nuclear localization sequence as well as a nuclear speckle-targeting sequence, enabling it to localize to distinct speckled regions within the cell nucleus. Polymorphisms in this gene are associated with dental caries suggesting a role in amelogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2016]
UniProt Comments for TFIP1	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.

Research Articles on TFIP1	**1.** the high expression and activation effect on the ERK1/2 signaling of STIP in lymphoblastic leukemia suggest that STIP would be a potential therapy target or diagnosis marker for leukemia.
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