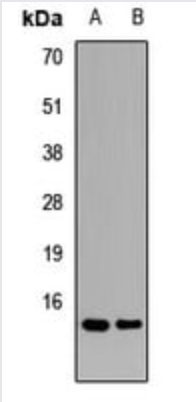
TIP-1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TIP-1, Polyclonal Antibody
Full Product Name	Anti-TIP-1 Antibody
Product Gene Name	anti-TIP-1 antibody
Product Synonym Gene Name	TAX1BP3
Product Synonym Names	TIP1; Tax1-binding protein 3; Glutaminase-interacting protein 3; Tax interaction protein 1; TIP-1; Tax-interacting protein 1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
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 TIP-1 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	13,735 Da
OMIM	AF028823 mRNA
3D Structure	ModBase 3D Structure for O14907
Immunogen	Recombinant full length protein of human TIP-1
Applications Tested/Suitable for anti-TIP-1 antibody	Western Blot (WB)
Application Notes for anti-TIP-1 antibody	WB: 1/500 - 1/2000
Related Product Information for anti-TIP-1 antibody	MBS8292668 is an antibody targeting TIP-1. Reactive in Human, Mouse, Rat. Host: Rabbit. Rabbit polyclonal antibody to TIP-1
Other Notes	Small volumes of anti-TIP-1 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-TIP-1 antibody
Western blot analysis of TIP-1 expression in HEK293T (A), mouse kidney (B) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TIP-1. It may not necessarily be applicable to this product.

NCBI GI #	325296954
NCBI GeneID	30851
NCBI Accession #	NP_001191627.1
UniProt Primary Accession #	O14907
UniProt Secondary Accession #	Q7LCQ4; B2RD53; D3DTJ6
UniProt Related Accession #	O14907
GenBank Nucleotide #	NM_001204698.1
NCBI Official Full Name	tax1-binding protein 3 isoform 2
NCBI Official Synonym Full Names	Tax1 binding protein 3
NCBI Official Symbol	TAX1BP3
NCBI Official Synonym Symbols	TIP1; TIP-1
UniProt Protein Name	Tax1-binding protein 3
UniProt Synonym Protein Names	Glutaminase-interacting protein 3; Tax interaction protein 1; TIP-1; Tax-interacting protein 1
UniProt Gene Name	TAX1BP3
UniProt Synonym Gene Names	TIP-1
NCBI Protein Information	tax1-binding protein 3
NCBI Summary for TIP-1	This gene encodes a small, highly conserved protein with a single PDZ domain. PDZ (PSD-95/Discs large/ZO-1 homologous) domains promote protein-protein interactions that affect cell signaling, adhesion, protein scaffolding, and receptor and ion transporter functions. The encoded protein interacts with a large number of target proteins that play roles in signaling pathways; for example, it interacts with Rho A and glutaminase L and also acts as a negative regulator of the Wnt/beta-catenin signaling pathway. This protein was first identified as binding to the T-cell leukaemia virus (HTLV1) Tax oncoprotein. Overexpression of this gene has been implicated in altered cancer cell adhesion, migration and metastasis. The encoded protein also modulates the localization and density of inwardly rectifying potassium channel 2.3 (Kir2.3). To date, this protein has been shown to play a role in cell proliferation, development, stress response, and polarization. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Apr 2017]

UniProt Comments for TIP-1	May regulate a number of protein-protein interactions by competing for PDZ domain binding sites. Binds CTNNB1 and may thereby act as an inhibitor of the Wnt signaling pathway. Competes with LIN7A for KCNJ4 binding, and thereby promotes KCNJ4 internalization. May play a role in the Rho signaling pathway. May play a role in activation of CDC42 by the viral protein HPV16 E6.
Research Articles on TIP-1	**1.** Mutations in TAX1BP3 cause dilated cardiomyopathy with septo-optic dysplasia
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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