

TRBP1 Antibody
Catalog # ASC10487**Specification**

TRBP1 Antibody - Product Information

Application	WB
Primary Accession	Q13395
Other Accession	NP_005637 , 110825988
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application Notes	TRBP1 antibody can be used for detection of TRBP1 by Western blot at 1 - 2 µg/mL.

TRBP1 Antibody - Additional InformationGene ID **6894****Other Names**

TRBP1 Antibody: TRM3, TRP185, TRP-185, TRM3, Probable methyltransferase TARBP1, TAR RNA-binding protein 1, TAR (HIV-1) RNA binding protein 1

Target/Specificity

TARBP1;

Reconstitution & Storage

TRBP1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Precautions

TRBP1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TRBP1 Antibody - Protein Information**Name** TARBP1**Synonyms** TRM3, TRP185**Function**

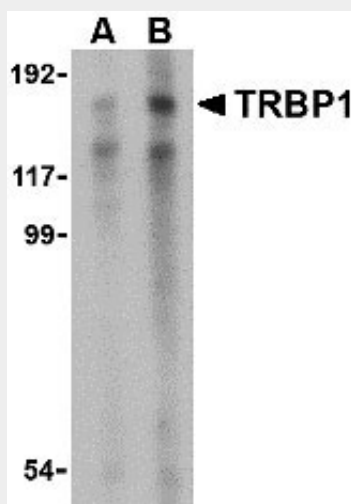
Probable S-adenosyl-L-methionine-dependent methyltransferase which methylates RNA molecules such as tRNAs.

TRBP1 Antibody - 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](#)

TRBP1 Antibody - Images



Western blot analysis of TRBP1 in 3T3 cell lysate with TRBP1 antibody at (A) 1 and (B) 2 µg/mL.

TRBP1 Antibody - Background

TRBP1 Antibody: The human trans-activation response (TAR) RNA binding protein 1 (TRBP1) was initially identified as a protein that binds to the HIV-1 TAR RNA and activates the long terminal repeat (LTR) expression in the absence and presence of the viral trans-activator Tat. This binding is enhanced by the presence of co-factors such as elongation factor 1 α (EF-1 α), polypyrimidine tract-binding protein (PTB), and the chaperonin-like protein stimulator of TAR RNA-binding proteins (SRB). TRBP1 may act to disengage RNA polymerase II from TAR during transcriptional elongation if the RNA polymerase stalls at the TAR during transcriptional elongation.

TRBP1 Antibody - References

Gatignol A, Buckler-White A, Berkhout B, et al. Characterization of a human TAR RNA-binding protein that activates the HIV-1 LTR. *Science* 1991; 251:1597-1600.

Wu-Baer F, Lane WS, and Gaynor RB. Identification of a group of cellular cofactors that stimulate the binding of RNA polymerase II and TRP-185 to human immunodeficiency virus 1 TAR RNA. *J. Biol. Chem.* 1996; 271:4201-8.

Wu-Baer F, Lane WS, and Gaynor RB. The cellular factor TRP-185 regulates RNA polymerase II binding to HIV-1 TAR RNA. *EMBO J.* 1995; 14:5995-6009. (07-01D)