

## Anti-TRBP1 TARBP1 Antibody

Catalog Number: A09397

### About TARBP1

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 1alpha (EF-1alpha), 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.

### Overview

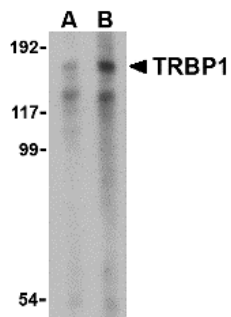
Product Name	Anti-TRBP1 TARBP1 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-TRBP1 TARBP1 Antibody (Catalog # A09397). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	TRBP1 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	TRBP1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q13395

### Technical Details

Immunogen	TRBP1 antibody was raised against a 17 amino acid synthetic peptide from near the center of human TRBP1. The immunogen is located within amino acids 1310 - 1360 of TRBP1.
Predicted Reactive Species	Bovine, Mouse, Pig
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TRBP1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TRBP1 antibody can be used for detection of TRBP1 by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in mouse samples. All other applications and species not yet

tested. Optimal dilutions for each application should be determined by the researcher.

## Anti-TRBP1 TARBP1 Antibody (A09397) Images



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

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