

Datasheet for ABIN2778885
anti-TARBP2 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	TARBP2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Horse, Cow, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TARBP2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TARBP2
Sequence:	ANPGKTPISL LQEYGTRIGK TPVYDLLKAE GQAHQPNFTF RVTVGDTSCT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against TARBP2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	TARBP2
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Target Details

Alternative Name:	TARBP2 (TARBP2 Products)
Background:	HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. TARBP2 binds between the bulge and the loop of the HIV-1 TAR RNA regulatory element and activates HIV-1 gene expression in synergy with the viral Tat protein. Alias Symbols: LOQS, TRBP, TRBP1, TRBP2 Protein Interaction Partner: TCEANC, STRBP, ZNF346, PRKRA, TARBP2, RRP12, RRP1B, POP1, CEBPZ, RRP9, AGO3, C1orf35, DDX50, NOC3L, TSR1, DDX27, AKAP17A, TCOF1, SRPR, SRP72, SRP54, TRMT1, SDAD1, RBM28, GPATCH4, HP1BP3, AGO2, DICER1, NUDT18, AGO1, APP, TOP1, CUL3, VAV2, NEDD4L, EIF2AK2, Protein Size: 74
Molecular Weight:	8 kDa
Gene ID:	6895
NCBI Accession:	NM_004178
UniProt:	Q8WY33
Pathways:	Regulatory RNA Pathways , Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 74 AA
Restrictions:	For Research Use only

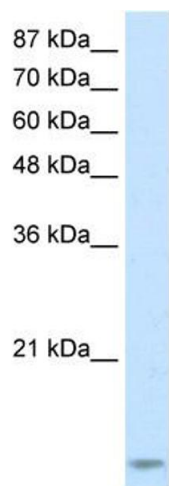
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-TARBP2 Antibody Titration: 2.5ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate