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11-13003: Polyclonal Antibody to TRBP

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	TARBP2
Gene ID :	6895
Uniprot ID :	Q15633
Format :	Purified
Alternative Name :	TARBP2,TRBP
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant TRBP protein (amino acids 150-366) was used as the immunogen for this antibody.

Description

TRBP, also known as TARBP2 (TAR (HIV-1) RNA binding protein 2) is a contributory agent of acquired immunodeficiency syndrome (AIDS). TRBP 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. It also plays a role in the production of short interfering RNAs (siRNAs) from double-stranded RNA (dsRNA) by DICER1 and promotes translation of TAR-containing RNAs independently of EIF2AK2/PKR. Diseases associated with TARBP2 include acquired immunodeficiency syndrome. TARBP2 is highly expressed in adipose tissue, adrenal cortex, adrenal gland, amniotic fluid and amygdala. TRBP exists in two isoforms whereas alternate splicing results in multiple transcript variants encoding different isoforms. This gene also has a pseudogene.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 6-7 Ã Âµg/ml

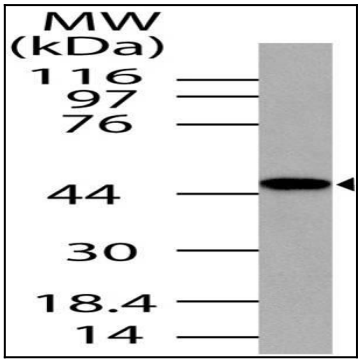


Fig-1: Western blot analysis of TRBP. Anti-TRBP antibody (11-13003) was used at 6 µg/ml on Hela lysate.

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