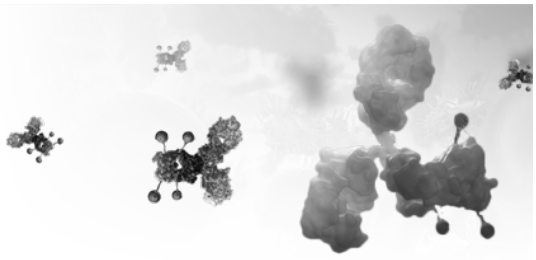

Human TARBP2 blocking peptide (CDBP3041)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-TRBP1 antibody
Antigen Description	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. The protein encoded by this gene 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. Alternative splicing results in multiple transcript variants encoding different isoforms. This gene also has a pseudogene. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 μg/ml
Size	50 μg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20℃, stable for one year.

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GENE INFORMATION

Gene Name	TARBP2 TAR (HIV-1) RNA binding protein 2 [Homo sapiens]
Official Symbol	TARBP2
Synonyms	TARBP2; TAR (HIV-1) RNA binding protein 2; Tar (HIV 1) RNA binding protein 2; RISC-loading complex subunit TARBP2; TAR RNA binding protein 2; TAR RNA-binding protein 2; TAR (HIV) RNA binding protein 2; TAR (HIV) RNA-binding protein 2; TAR (HIV) RNA-binding protein TRBP1; trans-activation responsive RNA-binding protein; trans-activation-responsive RNA-binding protein; LOQS; TRBP; TRBP1; TRBP2;
Entrez Gene ID	6895
mRNA Refseq	NM_004178
Protein Refseq	NP_004169
UniProt ID	Q15633
Chromosome Location	12
Pathway	Gene Expression, organism-specific biosystem; MicroRNA (miRNA) Biogenesis, organism-specific biosystem; Regulatory RNA pathways, organism-specific biosystem; Small Interfering RNA (siRNA) Biogenesis, organism-specific biosystem;
Function	double-stranded RNA binding; protein binding; protein homodimerization activity; siRNA binding;

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