



TARDBP blocking peptide (CDBP6254)

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

PRODUCT INFORMATION

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 is a transcriptional repressor that binds to chromosomally integrated TAR DNA and represses HIV-1 transcription. In addition, this protein regulates alternate splicing of the CFTR gene. A similar pseudogene is present on chromosome 20. [provided by RefSeq, Jul 2008]
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Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	TARDBP TAR DNA binding protein [Homo sapiens (human)]
Official Symbol	TARDBP
Synonyms	TARDBP; TAR DNA binding protein; ALS10; TDP-43; TAR DNA-binding protein 43; TAR DNA-binding protein-43

Entrez Gene ID	23435
mRNA Refseq	NM_007375
Protein Refseq	NP_031401
UniProt ID	Q13148
Function	RNA binding; double-stranded DNA binding; identical protein binding; mRNA 3'-UTR binding; nucleotide binding; poly(A) RNA binding; protein binding; sequence-specific DNA binding transcription factor activity