



Human TARDBP blocking peptide (CDBP2915)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-TARDBP 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 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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

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

binding protein-43; TDP-43;

Entrez Gene ID	23435
mRNA Refseq	NM_007375
Protein Refseq	NP_031401
UniProt ID	Q13148
Chromosome Location	1p36.22
Function	DNA binding; RNA binding; double-stranded DNA binding; mRNA 3-UTR binding; nucleotide binding; protein binding; sequence-specific DNA binding transcription factor activity;
