



Anti-TARDBP (full length) polyclonal antibody (DPAB-DC1102)

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.
Immunogen	TARDBP (AAH01487.1, 1 a.a. ~ 260 a.a) full-length recombinant protein with GST tag. The sequence is MSEYIRVTEDENDPIEIPSEDDGTVLLSTVTAQFPGACGLRYRNPVSQCMRGVRLVEGI LHAPDAGWGNLVYVVNYPKDNKRKMDETDAASSAVKVVKRAVQKTSIDLVLGLPWKTTEQDL KEYFSTFGEVLMVQVKKDLKTGHSGKGFVRFTEYETQVKVMSQRHMIDGRWCDCKLPNS KQSQDEPLRSRKVFVGRCTEDMTEDELREFFSQYGDVMDVFIPKPFRAFAFVTFADDQIA QSLCGEDLIKGISVHISNA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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
Protein Refseq	NP_031401
UniProt ID	A0A024R4E2
Chromosome Location	1p36.22
Function	RNA binding; double-stranded DNA binding; identical protein binding; mRNA 3-UTR binding
