



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

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

## PRODUCT INFORMATION

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

**Storage**

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

## GENE INFORMATION

Gene Name	<a href="#">TARDBP TAR DNA binding protein [ Homo sapiens (human) ]</a>
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	<a href="#">23435</a>
Protein Refseq	<a href="#">NP_031401</a>
UniProt ID	<a href="#">A0A024R4E2</a>
Chromosome Location	1p36.22
Function	RNA binding; double-stranded DNA binding; identical protein binding; mRNA 3-UTR binding