

## Product datasheet for **TA326978**

### TDP43 (TARDBP) Rabbit Polyclonal Antibody

#### Product data:

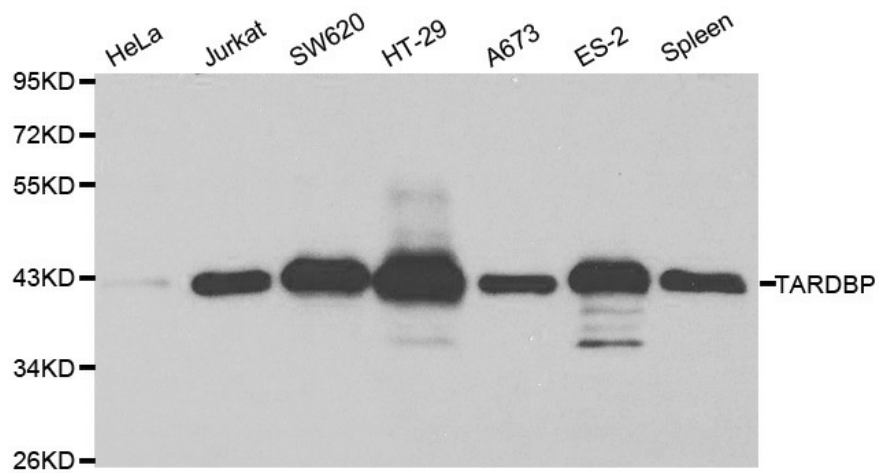
Product Type:	Primary Antibodies
Applications:	IP, RIP, WB
Recommended Dilution:	WB 1:500 - 1:2000;IP 1:20 - 1:50;RIP 1:20 - 1:50
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human TARDBP
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	43 kDa
Gene Name:	TAR DNA binding protein
Database Link:	<a href="#">NP_031401</a> <a href="#">Entrez Gene 230908 Mouse</a> <a href="#">Entrez Gene 23435 Human</a> <a href="#">Q13148</a>
Background:	TDP43 (TAR DNA-binding protein 43) is involved in transcriptional regulation and exon splicing. While normal TDP43 is a nuclear protein, pathological TDP43 is a component of insoluble aggregates in patients with frontotemporal lobar degeneration (FTLD) and amyotrophic lateral sclerosis (ALS). In these disorders, TDP43 is abnormally ubiquitinated, phosphorylated and cleaved to generate carboxy-terminal fragments that are sequestered as insoluble aggregates in neuronal nuclei, perikarya, and neurites. Additionally, TDP43 inhibits the expression of the HIV-1 gene and regulates CFTR gene splicing.
Synonyms:	ALS10; TDP-43



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Protein Families: Transcription Factors

### Product images:



Western blot analysis of extracts of various cell lines, using TARDBP antibody.