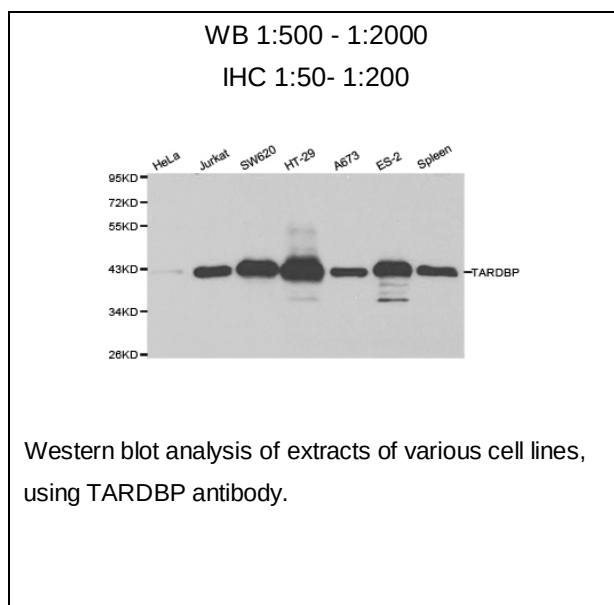




TARDBP Polyclonal Antibody

E91183

- Catalog Number:** E91183
- Amount:** 100ul
- Background:** TDP43 (TAR DNA-binding protein 43) is involved in transcriptional regulation and exon splicing (1,2). 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 (3,4). Additionally, TDP43 inhibits the expression of the HIV-1 gene and regulates CFTR gene splicing (1,5).
- Species:** Rabbit
- Isotype:** IgG
- Storage/Stability:** Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
- Synonyms:** TARDBP;ALS10;TDP-43;Tdp43 ;TDP 43
- Immunogen:** Recombinant protein of human TARDBP
- Purification:** Affinity purification
- Reactivity:** H M R
- Applications:** WB IHC
- Molecular Weight:** 43kDa
- Swiss-Prot No. :** Q13148
- Gene ID:** 23435
- References:** 1. Ou, S.H. et al. (1995) J Virol 69, 3584-96. 2. Winton, M.J. et al. (2008) J Biol Chem 283, 13302-9. 3. Neumann, M. et al. (2006) Science 314, 130-3. 4. Cairns, N.J. et al. (2007) Am J Pathol 171, 227-40. 5. Buratti, E. and Baralle, F.E. (2001) J Biol Chem 276, 36337-43.



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