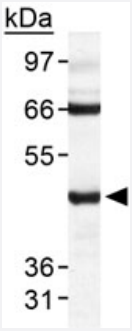
TARDBP polyclonal antibody

Catalog # PAB12006 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of TARDBP in HeLa whole cell extract with TARDBP polyclonal antibody (Cat # PAB12006).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TARDBP.
Immunogen	A synthetic peptide corresponding to amino acids 350-414 of human TARDBP.
Host	Rabbit
Reactivity	Chicken, Human, Mouse, Primates, Xenopus, Zebra fish
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (0.5-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris-glycine, 150 mM NaCl (0.05% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of TARDBP in HeLa whole cell extract with TARDBP polyclonal antibody (Cat # PAB12006).

Gene Info — TARDBP

Entrez GeneID	23435
Protein Accession#	Q13148
Gene Name	TARDBP
Gene Alias	ALS10, TDP-43
Gene Description	TAR DNA binding protein
Omim ID	605078
Gene Ontology	Hyperlink
Gene Summary	HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA gen ome 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) lo cated downstream of the transcription initiation site. The protein encoded by this gene is a transcr iptional repressor that binds to chromosomally integrated TAR DNA and represses HIV-1 transcri ption. In addition, this protein regulates alternate splicing of the CFTR gene. A similar pseudogen e is present on chromosome 20. [provided by RefSeq
Other Designations	OTTHUMP00000002171|TAR DNA-binding protein-43

Publication Reference

- Reduced cellular Ca2+ availability enhances TDP-43 cleavage by apoptotic caspases.

  De Marco G, Lomartire A, Mandili G, Lupino E, Buccinna B, Ramondetti C, Moglia C, Novelli F, Piccinini M, Mostert M, Rinaudo MT, Chio A, Calvo A.

  Biochimica et Biophysica Acta 2014 Apr; 1843(4):725.

  Application: WB-Re, Recombinant protein

- Evidence of multisystem disorder in whole-brain map of pathological TDP-43 in amyotrophic lateral sclerosis.

  Geser F, Brandmeir NJ, Kwong LK, Martinez-Lage M, Elman L, McCluskey L, Xie SX, Lee VM, Trojanowski JQ.

  Archives of Neurology 2008 May; 65(5):636.

  Application: IF, IHC-P, Human, Brain and spinal cord from patients with amyotrophic lateral sclerosis

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- TDP-43 in familial and sporadic frontotemporal lobar degeneration with ubiquitin inclusions.

  Cairns NJ, Neumann M, Bigio EH, Holm IE, Troost D, Hatanpaa KJ, Foong C, White CL 3rd, Schneider JA, Kretzschmar HA, Carter D, Taylor-Reinwald L, Paulsmeyer K, Strider J, Gitcho M, Goate AM, Morris JC, Mishra M, Kwong LK, Stieber A, Xu Y, Forman MS, Trojanowski JQ, Lee VM, Mackenzie IR.

  The American Journal of Pathology 2007 Jul; 171(1):227.

  Application: IEM, IHC-P, WB, Human, Human brain

Disease

- Alzheimer Disease
- Amyotrophic lateral sclerosis
- Chromosome Disorders
- Dementia
- Genetic Predisposition to Disease
- Neurodegenerative Diseases
- Parkinson disease

Copyright © 2023 Abnova Corporation. All Rights Reserved.