TARDBP monoclonal antibody, clone ABAB-20

Catalog # MAB20774 Size 100 uL

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human TARDBP.
Immunogen	A synthetic peptide corresponding to human TARDBP.
Host	Rabbit
Theoretical MW (kDa)	44.74
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:200) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunocytochemistry

- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry

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

Disease

- Alzheimer Disease
- Amyotrophic lateral sclerosis
- Chromosome Disorders
- Dementia
- Genetic Predisposition to Disease

- Neurodegenerative Diseases
- Parkinson disease