

Anti-TDP43 Antibody



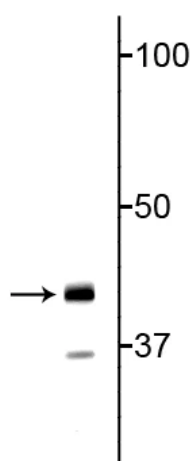
Product Details

Available Variants	100 µL (SKU:2000-TDP) 25 µL (SKU:2000-TDPt)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	TARDBP
Host Species	Rabbit
Format	Affinity Purified
Physical State	Liquid
Buffer	PBS + 30% glycerol
Production Notes	Prepared from pooled rabbit serum by affinity purification using a column to which the peptide immunogen was coupled.
Applications	ELISA, IHC, WB
Dilution Ranges	WB: 1:1000 WB Brain: 1:1000 IHC: 1:250-1:1000 ICC: 1:1000
Species Reactivity	Human, Rat
Immunogen	Synthetic peptide C-terminal to the caspase-cleavage site (between D219 and V220) of human TDP-43.
Specificity	Specific for endogenous levels of the ~43 kDa TDP-43 protein in Western blots of rat brain lysate. Expected molecular weight is dependent upon the TDP-43 species present in sample (full-length vs. truncated TDP-43). Under non-denaturing conditions (for example, by IHC), this antibody detects TDP-43 inclusions in human brain tissue with TDP-43 proteinopathy, but does not detect full-length nuclear TDP-43. Under denaturing conditions (for example, by

Western Blot analysis) this antibody detects the C-terminus of full-length and truncated human TDP-43.

Molecular Weight	43 kDa
Quality Control	Western blots performed on each lot.
Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage) upon arrival and stored long term at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.
Antibody Registry ID	AB_2492258
UniProt ID	Q13148
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	23435

Product Images



Western blot of neonatal rat brain lysate showing specific immunolabeling of the ~43 kDa TDP43 protein.



