

Anti-TDP43 TARDBP Monoclonal Antibody

Catalog Number: M01001-1

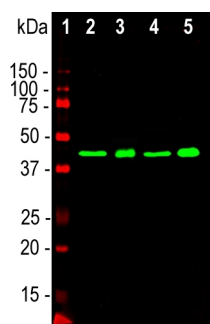
Overview

Product Name	Anti-TDP43 TARDBP Monoclonal Antibody
Reactive Species	Bovine, Equine, Human, Mouse, Pig, Rat
Description	Boster Bio Anti-TDP43 TARDBP Monoclonal Antibody catalog # M01001-1. Tested in IF, IHC, ICC, WB applications. This antibody reacts with Bovine, Equine, Human, Mouse, Pig, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal
Formulation	Purified antibody at 1mg/mL in 50% PBS, 50% glycerol plus 5mM NaN ₃
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q13148

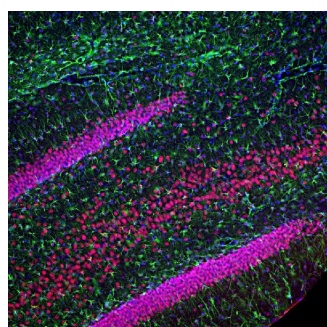
Technical Details

Immunogen	Full length recombinant human TDP43 expressed in and purified from E. coli
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:5,000. ICC/IF and IHC 1:1,000

Anti-TDP43 TARDBP Monoclonal Antibody (M01001-1) Images



Western blot analysis of whole brain lysates and nuclear inreached extract from whole brain using mouse mAb to TDP43, M01001-1, dilution 1:2,000 in green: [1] protein standard (red), [2] rat brain, [3] rat brain nuclear extract, [4] mouse brain, [5] mouse brain nuclear extract. Strong band at 43 kDa mark corresponds to TDP43 protein.



Immunofluorescent analysis of rat hippocampus section stained with mouse mAb to TDP43, M01001-1, dilution 1:2,000 in red, and costained with chicken

1 Publications Citing This Product

1. PubMed ID: 31452277, Zhang Y, Yang C, Yang S, Guo Z. MiRNA-27a decreases ultraviolet B irradiation-induced cell damage. J Cell Biochem. 2020 Feb;121(2):1032-1038.doi: 10.1002/jcb.29337.Epub 2019 Aug 26.PMID: 31452277.

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