

TDP43 polyclonal antibody

Catalog: BS91326

Host: Rabbit

Reactivity: Human, Mouse, Rat, Zebrafish

BackGround:

DNA and RNA-binding protein which regulates transcription and splicing. Involved in the regulation of CFTR splicing. It promotes CFTR exon 9 skipping by binding to the UG repeated motifs in the polymorphic region near the 3'-splice site of this exon. The resulting aberrant splicing is associated with pathological features typical of cystic fibrosis. May also be involved in microRNA biogenesis, apoptosis and cell division. Can repress HIV-1 transcription by binding to the HIV-1 long terminal repeat. Stabilizes the low molecular weight neurofilament (NFL) mRNA through a direct interaction with the 3' UTR.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

45 kDa

Swiss-Prot:

Q13148(Human) Q921F2(Mouse) Unigene:2633(Rat)
EntrezGene:325052(Zebrafish)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:5,000

ICC:1:100-1:500

IHC:1:50-1:200

FC:1:50-1:100

IP:1:10-1:50

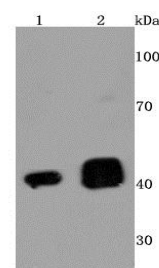
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

TDP43 polyclonal antibody detects endogenous levels of TDP43 protein.

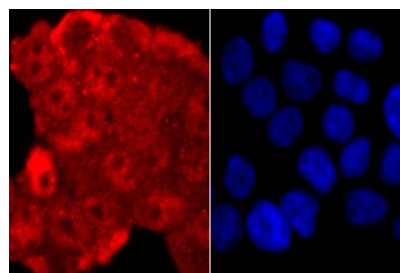
DATA:



Western blot analysis of TDP43 on different cells lysates using anti-TDP43 antibody at 1/500 dilution. Positive control:

Line 1: HeLa

Line 2: K563



ICC staining TDP43 in 293T cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

For research use only, not for use in diagnostic procedure.

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