

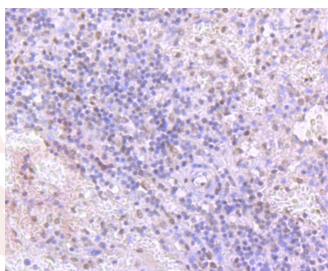
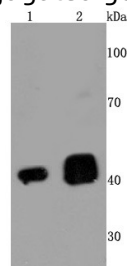
Anti-TARDBP Antibody (8Y416)

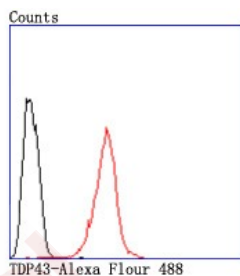
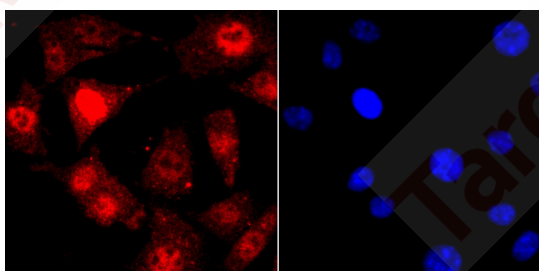
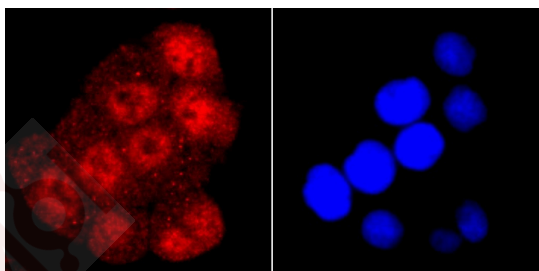
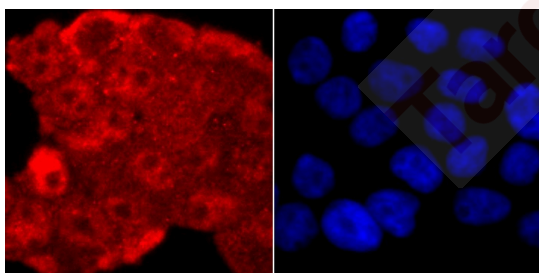
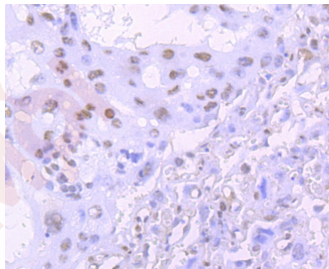
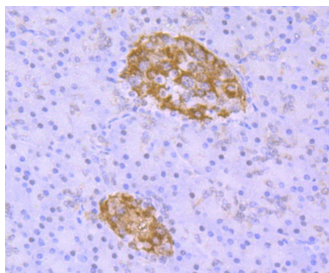
Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat,zebrafish
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 45 kDa.
Clone:	8Y416
Purification:	ProA affinity purified

Applications

1. 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.
 2. Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-TDP43 antibody. Counter stained with hematoxylin.
 3. Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-TDP43 antibody. Counter stained with hematoxylin.
 4. Immunohistochemical analysis of paraffin-embedded mouse placenta tissue using anti-TDP43 antibody. Counter stained with hematoxylin.
- Verified Activity:
5. 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.
 6. ICC staining TDP43 in Hela cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
 7. ICC staining TDP43 in SH-SY5Y cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
 8. Flow cytometric analysis of Hela cells with TDP43 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.





Application: FCM, ICC/IF, IHC, IP, WB

Recommended WB: 1:1000-5000; IHC: 1:50-200; ICC/IF: 1:100-500; IP: 1:10-50; FCM: 1:50-100

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: Q13148

Synonyms: TARDBP; TAR DNA-binding protein 43; TDP-43; TDP43

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481