

Rabbit anti-Human, Mouse TAR DNA-binding protein 43 Polyclonal Antibody | anti-TARDBP antibody

Rabbit anti-human TAR DNA-binding protein 43 polyclonal Antibody(TARDBP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119370	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

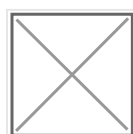
PRODUCT SYNONYMS

TAR DNA-binding protein 43; Polyclonal Antibody; Rabbit anti-human TAR DNA-binding protein 43 polyclonal Antibody(TARDBP); TDP-43; TARDBP; TDP43; anti-TARDBP antibody

PRODUCT SPECIFICATIONS

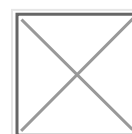
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	414
Applicable Applications for anti-TARDBP antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human TARDBP protein (1-260aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-102127 / sc-292299
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



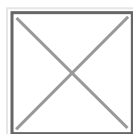
IP (Immunoprecipitation)

Immunoprecipitating TARDBP in Hela whole cell lysateLane 1: Rabbit control IgG (1ug)instead of AAA119370 in Hela whole cell lysate. For western blotting,a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)Lane 2: AAA119370 (8ug)+ Hela whole cell lysate (500ug)Lane 3: Hela whole cell lysate (10ug)



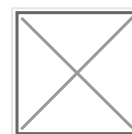
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using AAA119370 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA119370 at dilution 1:100



WB (Western Blot)

All lanes: TAR DNA-binding protein 43 antibody at 8ug/mL Lane 1:Hela whole cell lysateLane 2:mouse spleen tissueLane:K562 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 45,32 kDaObserved band size: 45 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TARDBP antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678271
NCBI GeneID	23435
NCBI Accession #	NP_031401.1
NCBI GenBank Nucleotide #	NM_007375.3
UniProt Accession #	Q13148; Q53H27; Q6FI92; Q96DJ0; A4GUK4; A4GUK5; A4GUK6; B2R629; B4DJ45; E2PU12
Molecular Weight	31,808 Da
NCBI Official Full Name	TAR DNA-binding protein 43
NCBI Official Synonym Full Names	TAR DNA binding protein
NCBI Official Symbol	TARDBP
NCBI Official Synonym Symbols	ALS10; TDP-43
NCBI Protein Information	TAR DNA-binding protein 43
UniProt Protein Name	TAR DNA-binding protein 43
UniProt Gene Name	TARDBP
UniProt Synonym Gene Names	TDP43; TDP-43
UniProt Entry Name	TADBP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tar-dna-binding-protein-43-antibody-immunohistochemistry-western-blot-elisa/119370>