

Rabbit anti-Human RNA-binding protein FUS Polyclonal Antibody | anti-FUS antibody

Rabbit anti-human RNA-binding protein FUS polyclonal Antibody

CATALOG # AAA229893	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

RNA-binding protein FUS; Polyclonal Antibody; Rabbit anti-human RNA-binding protein FUS polyclonal Antibody; RNA-binding protein FUS protein; FUS; TLS; 75 kDa DNA-pairing protein; Oncogene FUS; Oncogene TLS; POMp75; Translocated in liposarcoma protein; anti-FUS antibody

PRODUCT SPECIFICATIONS

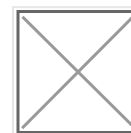
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	525
Applicable Applications for anti-FUS antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human RNA-binding protein FUS protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-25540
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemisry)

Immunofluorescent analysis of HepG2 cells using AAA229893 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA229893 at dilution of 1:100



WB (Western Blot)

All lanes: RNA-binding protein FUS antibody at 2ug/mL Lane 1: 293T whole cell lysate Lane 2: EC109 whole cell lysate Secondary Goat polyclonal to Rabbit IgG at 1/15000 dilution Predicted band size: 60kDa Observed band size: 60kDa

ADDITIONAL INFORMATION

Related Product Information for anti-FUS antibody	Binds both single-stranded and double-stranded DNA and promotes ATP-independent annealing of complementary single-stranded DNAs and D-loop formation in superhelical double-stranded DNA. May play a role in maintenance of genomic integrity. This gene encodes a multifunctional protein component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complex. The hnRNP complex is involved in pre-mRNA splicing and the export of fully processed mRNA to the cytoplasm. This protein belongs to the FET family of RNA-binding proteins which have been implicated in cellular processes that include regulation of gene expression, maintenance of genomic integrity and mRNA/microRNA processing. Alternative splicing results in multiple transcript variants. Defects in this gene result in amyotrophic lateral sclerosis type 6.
Product Categories/Family for anti-FUS antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	283135201
NCBI GeneID	2521
NCBI Accession #	NP_001164105.1
NCBI GenBank Nucleotide #	NM_001170634.1
UniProt Accession #	P35637; Q9H4A8
Molecular Weight	53,355 Da
NCBI Official Full Name	RNA-binding protein FUS isoform 2
NCBI Official Synonym Full Names	FUS RNA binding protein
NCBI Official Symbol	FUS
NCBI Official Synonym Symbols	TLS; ALS6; ETM4; FUS1; POMP75; HNRNPP2
NCBI Protein Information	RNA-binding protein FUS
UniProt Protein Name	RNA-binding protein FUS
UniProt Gene Name	FUS
UniProt Synonym Gene Names	TLS
UniProt Entry Name	FUS_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/rna-binding-protein-fus-antibody-immunohistochemistry-western-blot-elisa/229893>