

Rabbit FUS Polyclonal Antibody | anti-FUS antibody

FUS Polyclonal Antibody

CATALOG # AAA28170	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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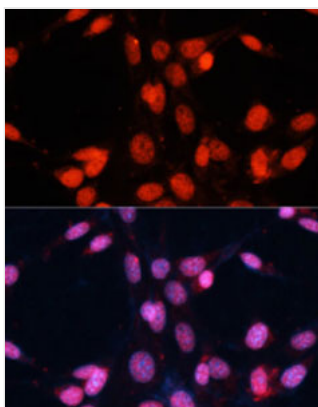
PRODUCT SYNONYMS

FUS; Polyclonal Antibody; FUS Polyclonal Antibody; TLS; ALS6; ETM4; FUS1; POMP75; HNRNPP2; anti-FUS antibody

PRODUCT SPECIFICATIONS

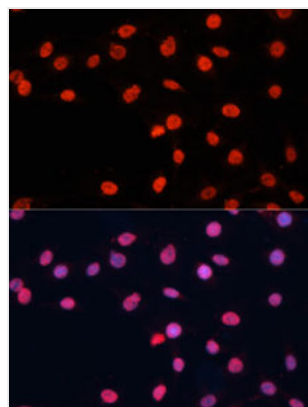
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	526
Applicable Applications for anti-FUS antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:100 IF: 1:50 - 1:100
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 297-526 of human FUS (NP_00495.1).
Preparation and Storage	Store at -20 degree. Avoid freeze / thaw cycles.

IMAGES



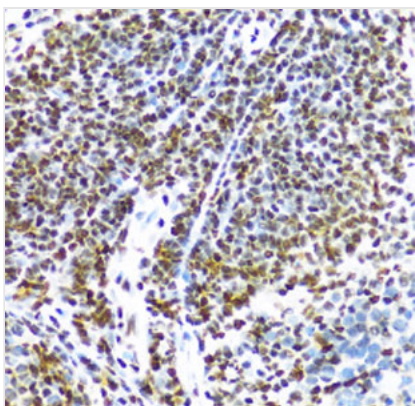
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using FUS antibody (AAA28170) at dilution of 1:100. Blue: DAPI for nuclear staining.



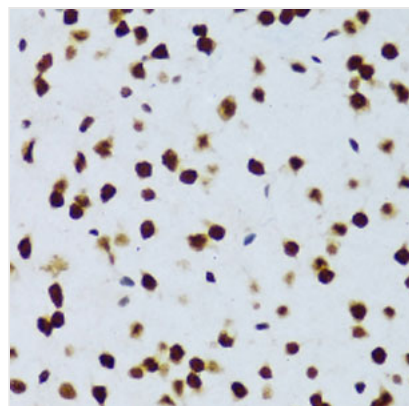
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using FUS antibody (AAA28170) at dilution of 1:100. Blue: DAPI for nuclear staining.



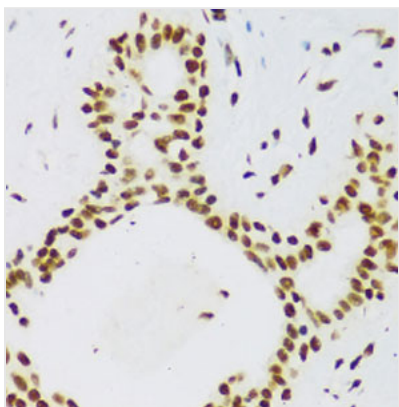
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse spleen using FUS antibody (AAA28170) at dilution of 1:100 (40x lens).



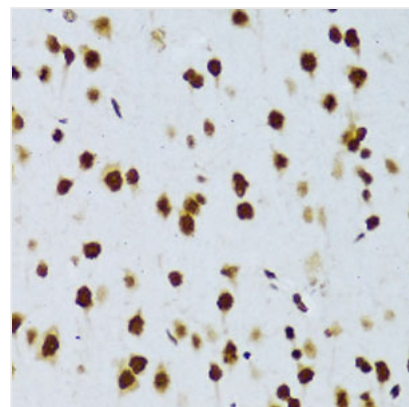
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using FUS antibody (AAA28170) at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using FUS antibody (AAA28170) at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using FUS antibody (AAA28170) at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-FUS antibody	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	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	544357
NCBI GeneID	2521
UniProt Accession #	P35637 ; Q9H4A8
Molecular Weight	Calculated MW: 53kDa Observed MW: 70kDa
NCBI Official Full Name	RNA-binding protein FUS
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; oncogene FUS; oncogene TLS; fus-like protein; fused in sarcoma; 75 kDa DNA-pairing protein; fusion gene in myxoid liposarcoma; translocated in liposarcoma protein; heterogeneous nuclear ribonucleoprotein P2
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/fus-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/28170>