

Rabbit FUS Polyclonal Antibody | anti-FUS antibody

FUS Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311399	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

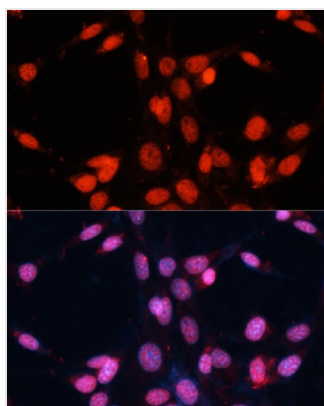
PRODUCT SYNONYMS

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

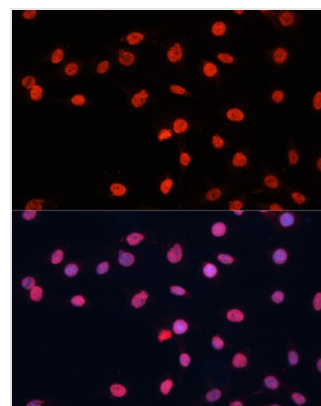
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-FUS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human FUS (NP_004951.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

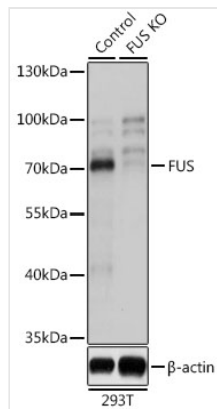
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using FUS antibody.

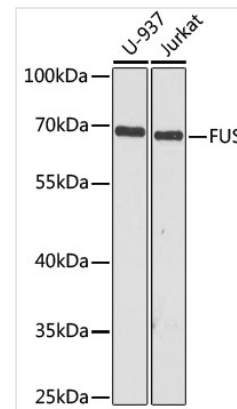

IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using FUS antibody.



WB (Western Blot)

Western blot analysis of extracts from normal (control) and FUS knockout (KO) 293T cells, using FUS antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using FUS antibody.

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

[Total protein Ab](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826734
NCBI GeneID	2521
NCBI Accession #	NP_004951.1
NCBI GenBank Nucleotide #	NM_004960.3
UniProt Accession #	P35637 ; Q9H4A8
Molecular Weight	53,355 Da
NCBI Official Full Name	RNA-binding protein FUS isoform 1
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.

