

Rabbit FUS Polyclonal Antibody | anti-FUS antibody

FUS antibody - N-terminal region

CATALOG # AAA23471	HOST Rabbit	REACTIVITY Cow, Dog, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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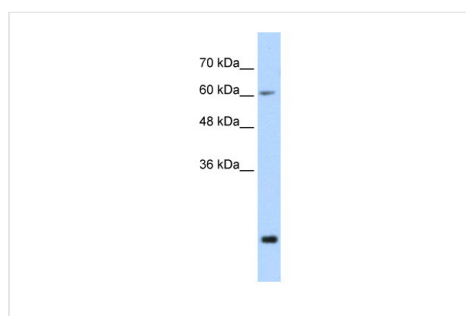
PRODUCT SYNONYMS

FUS; Polyclonal Antibody; FUS antibody - N-terminal region; anti-FUS antibody

PRODUCT SPECIFICATIONS

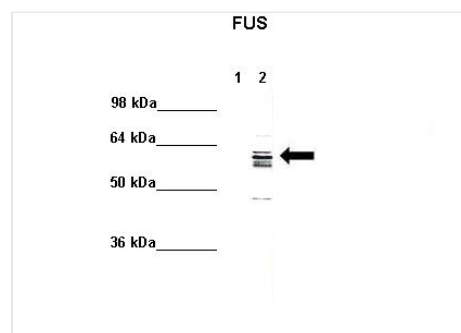
Host	Rabbit
Reactivity	Cow, Dog, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MA SNDYTQQATQ SYGAYPTQPG QGYSQQSSQP YGQSYSGYS QSTDTSKY
Sequence Length	526
Applicable Applications for anti-FUS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human FUS
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



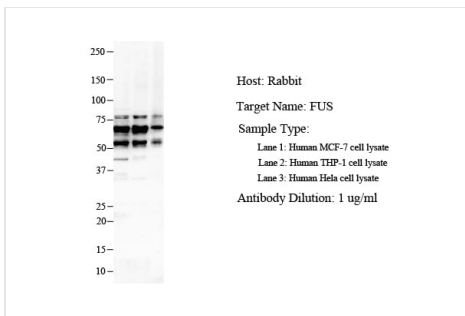
WB (Western Blot)

WB Suggested Anti-FUS Antibody Titration: 0.2-1 ug/ml
Positive Control: HepG2 cell lysate
FUS is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells



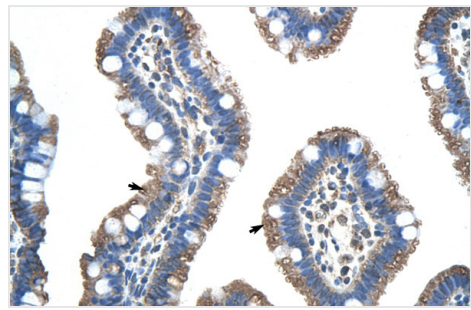
WB (Western Blot)

WB Suggested Anti-FUS Antibody Titration: 0.2-1 ug/ml
Positive Control: Lane 1: 5ug mouse brain cytoplasm Lane 2: 5ug mouse brain nucleus
Primary Antibody Dilution : 1:1000
Secondary Antibody : Anti rabbit - IR-dye
Submitted by: Anonymous



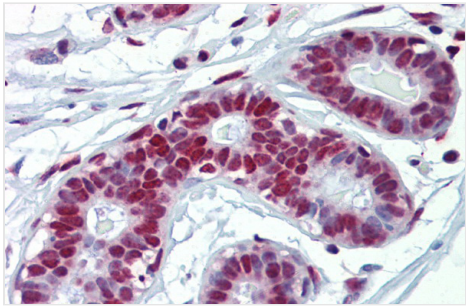
WB (Western Blot)

Host: Rabbit
Target Name: FUS
Sample Type: Lane 1: Human MCF-7 cell lysate
Lane 2: Human THP-1 cell lysate
Lane 3: Human HeLa cell lysate
Antibody Dilution: 1.0ug/ml



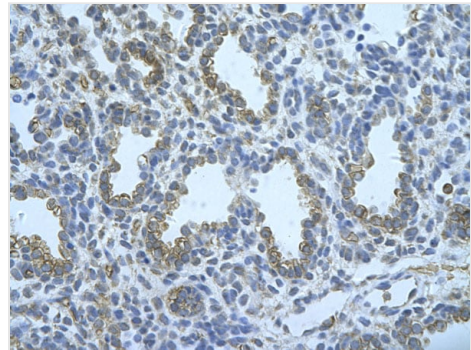
IHC (Immunohistochemistry)

Rabbit Anti-FUS Antibody
Paraffin Embedded Tissue: Human Intestine
Cellular Data: Epithelial cells of intestinal villi
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X



IHC (Immunohistochemistry)

Rabbit Anti-FUS Antibody
Paraffin Embedded Tissue: Human Breast
Antibody Concentration: 5 ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-FUS Antibody
Paraffin Embedded Tissue: Human alveolar cell
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-FUS antibody	This is a rabbit polyclonal antibody against FUS. It was validated on Western Blot and immunohistochemistry Target Description: FUS 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. FUS may play a role in maintenance of genomic integrity.
Product Categories/Family for anti-FUS antibody	Polyclonal; RNA Binding Proteins ; Neuroscience ; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	58218973
NCBI GeneID	2521
NCBI Accession #	NP_001010850
NCBI GenBank Nucleotide #	NM_001010850
UniProt Accession #	P35637
Molecular Weight	53 kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/fus-antibody-immunohistochemistry-western-blot-elisa/23471>