

## FUS

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**Reactivity:**Human

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**75kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human FUS

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

TLS; ALS6; ETM4; FUS1; POMP75; HNRNPP2

**Catalog #:**A5921

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**2521

**Isotype:**IgG

**Swiss Prot:**P35637

**Purity:**Affinity purification

For research use only.

**Background:**

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.

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