

## Recombinant TLS/FUS Monoclonal Antibody

catalog number: **AN301003L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

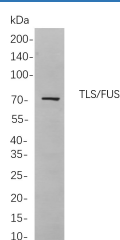
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human TLS/FUS protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	B754
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

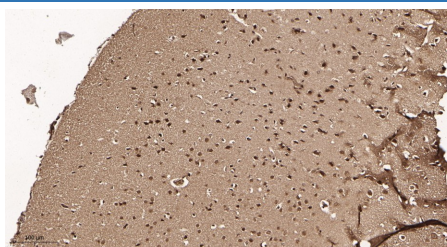
Applications	Recommended Dilution
IHC	1:500-1:2000
WB	1:500-1:2000
IF	1:200-1:1000
ELISA	1:5000-1:20000

### Data

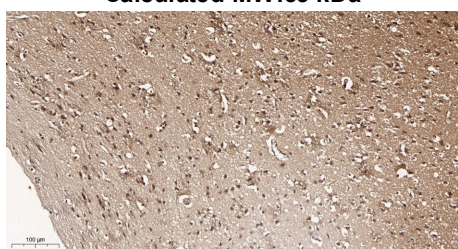


Western Blot with Recombinant TLS/FUS Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: HepG2 cells.

**Observed-MW:70 kDa**  
**Calculated-MW:53 kDa**



Immunohistochemistry of paraffin-embedded mouse brain tissue using Recombinant TLS/FUS Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded rat brain tissue using Recombinant TLS/FUS Monoclonal Antibody at dilution of 1:200.

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

### For Research Use Only

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Rev. V1.2

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.