



FUS/TLS Mouse mAb

Catalog No	YP-mAb-18596
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	FUS TLS
Immunogen	Synthesized peptide derived from human FUS/TLS
Specificity	This antibody detects endogenous levels of FUS/TLS at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FUS;75 kDa DNA pairing protein;75 kDa DNA-pairing protein;ALS;ALS6;FUS TLS;RNA-binding protein FUS (75 kDa DNA-pairing protein) (Oncogene FUS) (Oncogene TLS) (POMp75) (Translocated in liposarcoma protein)
Observed Band	68-75 kDa
Calculated Molecular Weight	75 kDa
Cell Pathway	Nucleus . Displays a punctate pattern inside the nucleus and is excluded from nucleoli. .
Tissue Specificity	Ubiquitous.
Function	DNA/RNA-binding protein that plays a role in various cellular processes such as transcription regulation, RNA splicing, RNA transport, DNA repair and damage response . Binds to nascent pre-mRNAs and acts as a molecular mediator between RNA polymerase II and U1 small nuclear ribonucleoprotein thereby coupling transcription and splicing . Binds also its own pre-mRNA and autoregulates its expression; this autoregulation mechanism is mediated by non-sense-mediated decay . Plays a role in DNA repair mechanisms by promoting D-loop formation and homologous recombination during DNA double-strand break repair . In neuronal cells, plays crucial roles in dendritic spine formation and stability, RNA transport, mRNA stability and synaptic homeostasis (By similarity).



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images