

Nur für Forschungszwecke

FUS/TLS Monoklonaler Antikörper

Katalog-Nr.:68262-1-Ig

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: 68262-1-Ig	GenBank-Zugangsnummer: BC026062	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 500 µg/mL von Nanodrop;	GeneID (NCBI): 2521	CloneNo.: 1B4F8
Wirt: Maus	Vollständiger Name: fusion (involved in t(12;16) in malignant liposarcoma)	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:5000-1:20000 IF 1:200-1:800
Isotyp: IgG1	Berechnete Masse: 75 kDa	
Immunogen Katalognummer: AG2150	Beobachtete Masse: 53, 68-75 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: Rattenhirngewebe, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, Maushirngewebe, Neuro-2a-Zellen

IHC: Rattenhirngewebe, humanes Kolongewebe, humanes Ovarialkarzinomgewebe, Maus-Cerebellum-Gewebe, Maushirngewebe

IF: Maushirngewebe,

Hintergrundinformationen

FUS (also named TLS and POMp75) belongs to the RRM TET family. FUS may play a role in the maintenance of genomic integrity; it 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 is also an RNA-binding protein, and its links to neurodegenerative disease proffer the intriguing possibility that altered RNA metabolism or RNA processing may underlie or contribute to neuron degeneration[PMID: 22640227]. FUS may be a cause of angiomatoid fibrous histiocytoma (AFH) and is implicated in certain forms of amyotrophic lateral sclerosis (ALS) and frontotemporal dementias (FTDs) such as frontotemporal lobar dementia with ubiquitin inclusions (FTLD-U)(PMID: 22640227). Multiple phosphorylation on the N terminus of FUS caused that FUS was detected 68-75 kDa (PMID:24899704).

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

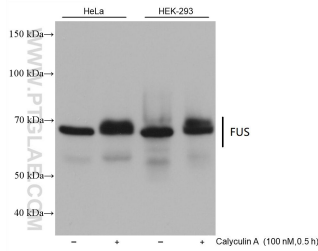
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

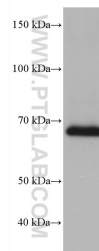
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

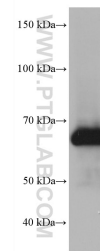
Ausgewählte Validierungsdaten



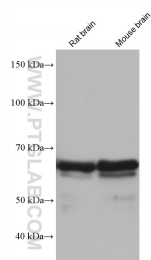
HeLa cells were subjected to SDS PAGE followed by western blot with 68262-1-Ig (FUS/TLS antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



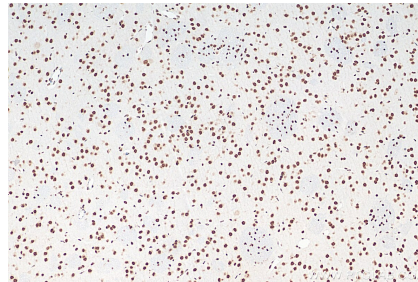
Jurkat cells were subjected to SDS PAGE followed by western blot with 68262-1-Ig (FUS/TLS antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



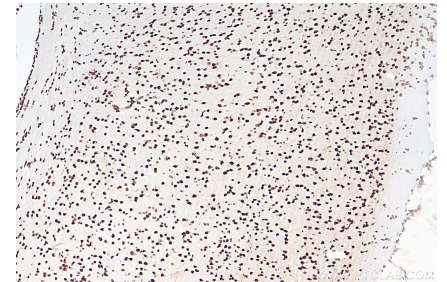
Neuro-2a cells were subjected to SDS PAGE followed by western blot with 68262-1-Ig (FUS/TLS antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



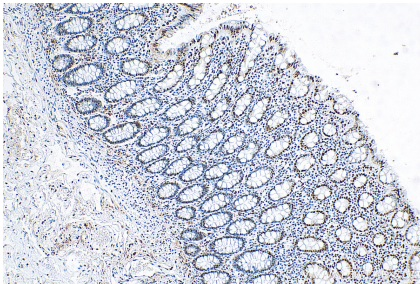
Various lysates were subjected to SDS PAGE followed by western blot with 68262-1-Ig (FUS/TLS antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



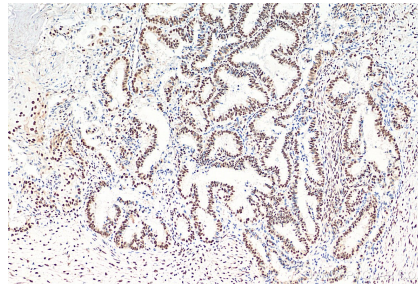
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 68262-1-Ig (FUS/TLS antibody) at dilution of 1:10000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



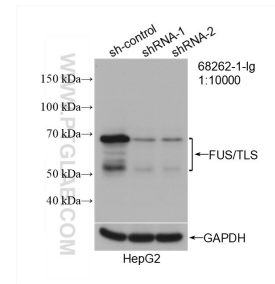
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 68262-1-Ig (FUS/TLS antibody) at dilution of 1:10000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



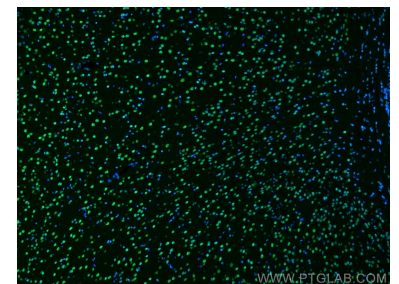
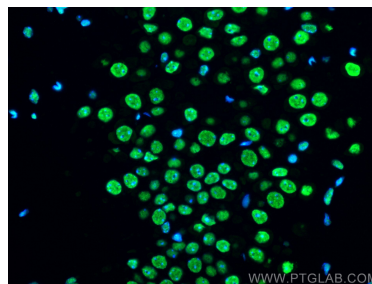
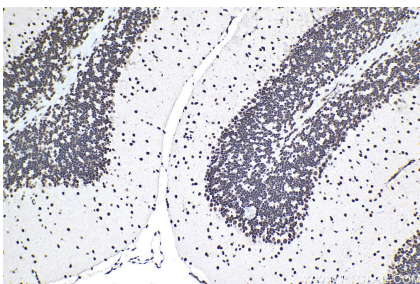
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 68262-1-Ig (FUS/TLS antibody) at dilution of 1:10000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



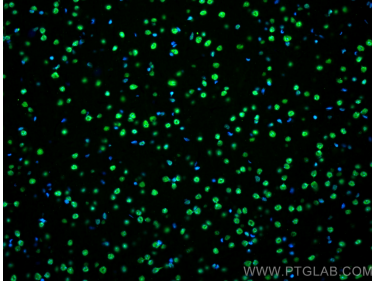
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 68262-1-Ig (FUS/TLS antibody) at dilution of 1:10000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of FUS/TLS antibody (68262-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FUS/TLS transfected HepG2 cells.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 68262-1-Ig (FUS/TLS antibody) at dilution of 1:10000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using FUS/TLS antibody (68262-1-Ig, Clone: 1B4F8) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).

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