

# Produktinformation



Forschungsprodukte & Biochemikalien
Zellkultur & Verbrauchsmaterial
Diagnostik & molekulare Diagnostik
Laborgeräte & Service

Weitere Information auf den folgenden Seiten! See the following pages for more information!



Lieferung & Zahlungsart siehe unsere Liefer- und Versandbedingungen

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

#### SZABO-SCANDIC HandelsgmbH

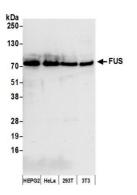
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## **FUS Antibody**

105 Antibody					
Rabbit Polyclo					
Antigen Affinity Purified			otein ID	P35637	
Catalog No.	o. A300-302A		enelD	2521	RETHVI
Lot No. A300-		302A-4			LABORATORIES, INC
APPLICATIONS		WB, IP, IHC			
SPECIES REACTIVITY		Human, Mouse			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Bovine			
AMOUNT		100 µl			
CONCENTRATION		1000 μg/ml			
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide			
ISOTYPE		IgG			
ORIGIN		USA			
PRODUCTION		Antibody was affinity purified using an epitope specific to FUS immobilized on solid support.			
PROCEDURES		The epitope recognized by A300–302A maps to a region between residues 1 and 50 of human fusion (involved in t(12;16) in malignant liposarcoma) using the numbering given in SwissProt entry P35637 (GeneID 2521).			
		Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.			
		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.			
		Western Blot	1:2,	,000 - 1:10,000	
		Immunoprecipitati	ion 2 –	10 µg/mg lysate	
APPLICATION NOTES		Immunohistochem	,	00 – 1:2,000. Epitope retrieval with citra ommended for FFPE tissue sections.	te buffer pH 6.0 is
		Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020), Goat anti–Rabbit Light Chain HRP Conjugate (Cat. No. A120–113P) and 4–20% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).			
IHC HUMAN CONTROLS		Western blot of lysates performed using standard western blot reagents and 4–20% SDS–PAGE. Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Skin Squamous Cell Carcinoma, Stomach Adenocarcinoma, Testicular Seminoma			
IHC MOUSE CONTROLS		Squamous Cell Carcinoma			
ADDITIONAL INFO		https://www.bethyl.com/product/A300-302A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB			

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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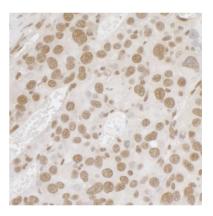
kDa 250-130-70-51-38-28-19-16- \* FUS \* FUS \* FUS \* FUS \* Classical State of the state o

IP/WB

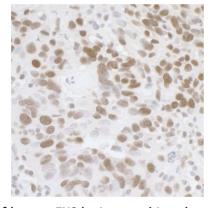
Detection of human and mouse FUS by western blot. Samples: Whole cell lysate (50  $\mu$ g) from Hep-G2, HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-FUS antibody A300-302A (lot A300-302A-4) used for WB at 0.04  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

#### Detection of human FUS by western blot of

**immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-FUS antibody A300-302A (lot A300-293A-4) used for IP at 3 µg per reaction. FUS was also immunoprecipitated by rabbit anti-FUS recombinant monoclonal antibody [BLR023E] (A700-023) and rabbit anti-FUS antibody A300-293A. For blotting immunoprecipitated FUS, A700-023 was used at 1:1000. *Detection:* Chemiluminescence with an exposure time time of 3 minutes.



**Detection of mouse FUS by immunohistochemistry.** *Sample:* FFPE section of mouse renal cells carcinoma. *Antibody:* Affinity purified rabbit anti-FUS (Cat. No. A300-302A Lot4) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB



**Detection of human FUS by immunohistochemistry.** *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-FUS (Cat. No. A300-302A Lot4) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB

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