

Allgemeine Informationen

Katalog-Nr.: 20371-1-AP	GenBank-Zugangsnummer: NM_003016	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 1000 µg/ml von 6427 Nanodrop;	GeneID (NCBI): Vollständiger Name: spllicing factor, arginine/serine-rich 2	Empfohlene Verdünnungen: WB 1:500-1:2000 IP 0.5-4.0 µg für IP und 1:200-1:1000 für WB IHC 1:50-1:500
Wirt: Kaninchen	Berechnete Masse: 25 kDa	
Isotyp: IgG	Beobachtete Masse: 25-35 kDa	

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, IF, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

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

Positivkontrollen:

WB: Maushirngewebe, A549-Zellen, HepG2-Zellen, Maushodengewebe, NIH/3T3-Zellen, Rattenhirngewebe

IP: Maushirngewebe,

IHC: humanes Lungenkarzinomgewebe,

Hintergrundinformationen

SFRS2, also named as PR264 and Splicing component, 35 kDa, belongs to the splicing factor SR family. SFRS2 is necessary for the splicing of pre-mRNA. Some residue of SFRS2 is modified by phosphorylase and acetylase after translation. The molecular weight of modified SFRS2 is 35-40kDa. It is required for formation of the earliest ATP-dependent splicing complex and interacts with spliceosomal components bound to both the 5'- and 3'-splice sites during spliceosome assembly. It also is required for ATP-dependent interactions of both U1 and U2 snRNPs with pre-mRNA. It binds to purine-rich RNA sequences, either 5'-AGSAGAGTA-3' (S=C or G) or 5'-GTTCGAGTA-3'. SFRS2 can bind to beta-globin mRNA and commit it to the splicing pathway. The antibody has no cross reaction to SFRS2B.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Indranil Malik	34542927	EMBO Mol Med	CoIP
Yuhan Chen	29942010	Nat Commun	WB
Obayed Raihan	30125687	Neuroscience	WB

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

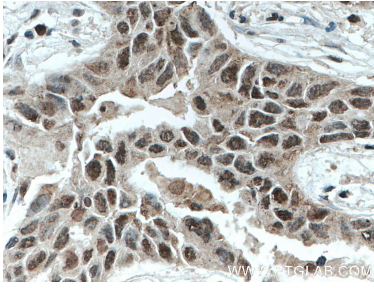
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E: proteintech@ptglab.com
 W: ptglab.com

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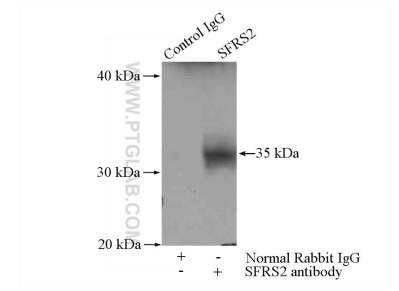
Ausgewählte Validierungsdaten



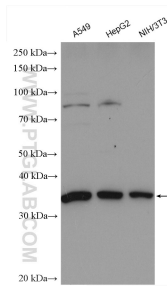
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 20371-1-AP (SFRS2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse brain tissue were subjected to SDS PAGE followed by western blot with 20371-1-AP (SFRS2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP Result of anti-SFRS2 (IP:20371-1-AP, 4ug; Detection:20371-1-AP 1:300) with mouse brain tissue lysate 4000ug.



Various lysates were subjected to SDS PAGE followed by western blot with 20371-1-AP (SFRS2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.