



SZABO SCANDIC

Part of Europa Biosite

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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

STRAP Polyclonal Antibody

Catalog Number: E-AB-92347

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

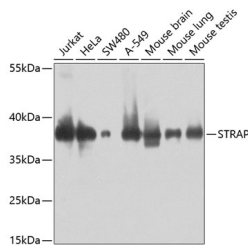
Description

Reactivity	Human, Mouse
Immunogen	Recombinant fusion protein of human STRAP
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

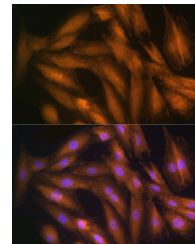
WB	1:500-1:2000
IF	1:50-1:200
IP	1:50-1:200

Data

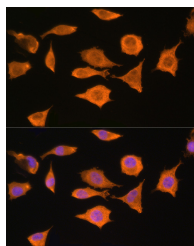


Western blot analysis of extracts of various cell lines using STRAP Polyclonal Antibody at 1:1000 dilution.

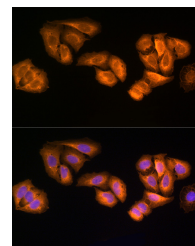
Observed Mw: Refer to figures
Calculated Mw: 38kDa/39kDa



Immunofluorescence analysis of H9C2 cells using [KO Validated] STRAP Polyclonal Antibody at dilution of 100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using [KO Validated] STRAP Polyclonal Antibody at dilution of 100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using [KO Validated] STRAP Polyclonal Antibody at dilution of 100 (40x lens). Blue: DAPI for nuclear staining.

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

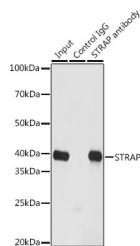
Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017



Immunoprecipitation analysis of 200ug extracts of HeLa cells using 3ug STRAP Polyclonal Antibody. Western blot was performed from the immunoprecipitate using STRAP Polyclonal Antibody at a dilution of 1:1000.

Preparation & Storage

Storage Store at -20°C. Avoid freeze/thaw cycles.

Background

The SMN complex catalyzes the assembly of small nuclear ribonucleoproteins (snRNPs, the building blocks of the spliceosome, and thereby plays an important role in the splicing of cellular pre-mRNAs. Most spliceosomal snRNPs contain a common set of Sm proteins SNRPB, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF and SNRPG that assemble in a heptameric protein ring on the Sm site of the small nuclear RNA to form the core snRNP (Sm core). In the cytosol, the Sm proteins SNRPD1, SNRPD2, SNRPE, SNRPF and SNRPG are trapped in an inactive 6S pICln-Sm complex by the chaperone CLNS1A that controls the assembly of the core snRNP. To assemble core snRNPs, the SMN complex accepts the trapped 5Sm proteins from CLNS1A forming an intermediate. Binding of snRNA inside 5Sm triggers eviction of the SMN complex, thereby allowing binding of SNRPD3 and SNRPB to complete assembly of the core snRNP. STRAP plays a role in the cellular distribution of the SMN complex. Negatively regulates TGF-beta signaling but positively regulates the PDPK1 kinase activity by enhancing its autophosphorylation and by significantly reducing the association of PDPK1 with 14-3-3 protein.

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