Datasheet for ABIN6148639

anti-STRAP antibody (AA 1-350)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	STRAP
Binding Specificity:	AA 1-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STRAP antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-350 of human STRAP (NP_009109.3).
Sequence:	MAMRQTPLTC SGHTRPVVDL AFSGITPYGY FLISACKDGK PMLRQGDTGD WIGTFLGHKG AVWGATLNKD ATKAATAAAD FTAKVWDAVS GDELMTLAHK HIVKTVDFTQ DSNYLLTGGQ DKLLRIYDLN KPEAEPKEIS GHTSGIKKAL WCSEDKQILS ADDKTVRLWD HATMTEVKSL NFNMSVSSME YIPEGEILVI TYGRSIAFHS AVSLDPIKSF EAPATINSAS LHPEKEFLVA GGEDFKLYKY DYNSGEELES YKGHFGPIHC VRFSPDGELY ASGSEDGTLR LWQTVVGKTY GLWKCVLPEE DSGELAKPKI GFPETTEEEL EEIASENSDC IFPSAPDVKA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	STRAP
Alternative Name:	STRAP (STRAP Products)
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.,STRAP,MAWD,PT-WD,UNRIP,Epigenetics & Nuclear Signaling,RNA Binding,Signal Transduction,Kinase,STRAP
Molecular Weight:	38 kDa/39 kDa
Gene ID:	11171
UniProt:	Q9Y3F4

Application Details

Application Notes:	WB,1:1000 - 1:2000,IF,1:50 - 1:200,IP,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

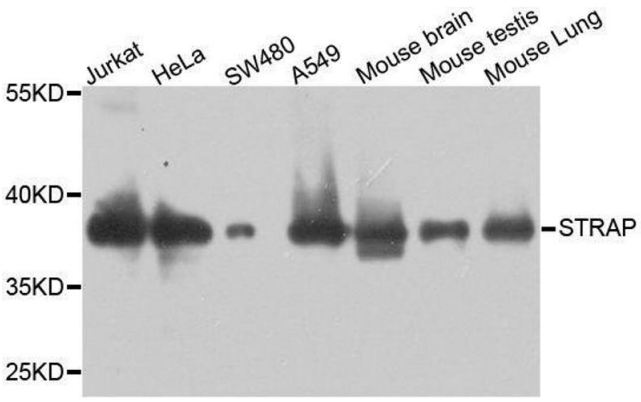
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using STRAP antibody.