



SRp46 Polyclonal Antibody

Catalog No	YP-Ab-02045
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	SRSF8
Immunogen	The antiserum was produced against synthesized peptide derived from human SFRS2B. AA range:31-80
Specificity	SRp46 Polyclonal Antibody detects endogenous levels of SRp46 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DSM-1;SRP46;SFRS2B;SRSF8;Serine/arginine-rich splicing factor 8;Pre-mRNA-splicing factor SRP46;Splicing factor SRp46;Splicing factor;arginine/serine-rich 2B
Observed Band	32kD
Calculated Molecular Weight	32kD
Cell Pathway	Nucleus .
Tissue Specificity	Strongly expressed in pancreas, spleen and prostate. Weakly expressed in lung, liver and thymus.
Function	function:Involved in pre-mRNA alternative splicing.,PTM:Phosphorylated., similarity:Belongs to the splicing factor SR family.,similarity:Contains 1 RRM (RNA recognition motif) domain.,tissue specificity:Strongly expressed in pancreas, spleen and prostate. Weakly expressed in lung, liver and thymus.,
Background	This gene encodes a member of a family of proteins containing a ribonucleoprotein (RNP)-type RNA binding motif and a carboxyl-terminal arginine-serine-rich (RS) domain. The encoded protein functions as a pre-mRNA splicing factor. There is a pseudogene for this gene on chromosome 7.



Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2013],

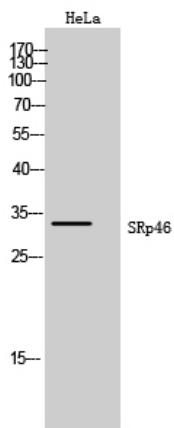
matters needing attention

Avoid repeated freezing and thawing!

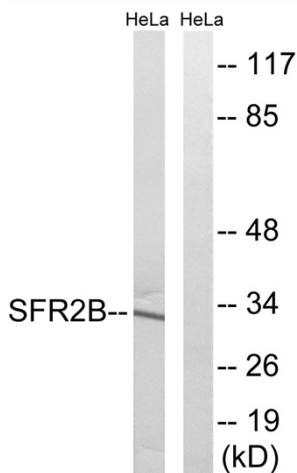
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

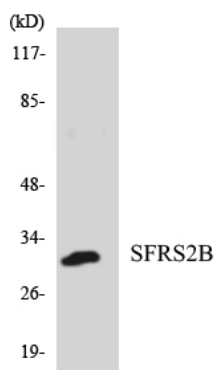
Products Images



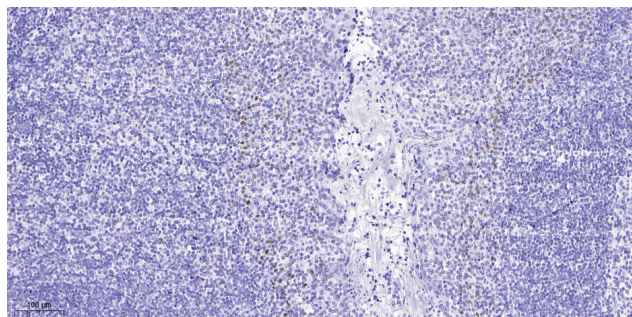
Western Blot analysis of HeLa cells using SRp46 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western blot analysis of lysates from HeLa cells, using SFRS2B Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using SFRS2B antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).