

SAP 14 Rabbit pAb

CatalogNo: YT4210

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 14kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:40000

Not yet tested in other applications.

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human SF3B14. AA range: 76-125

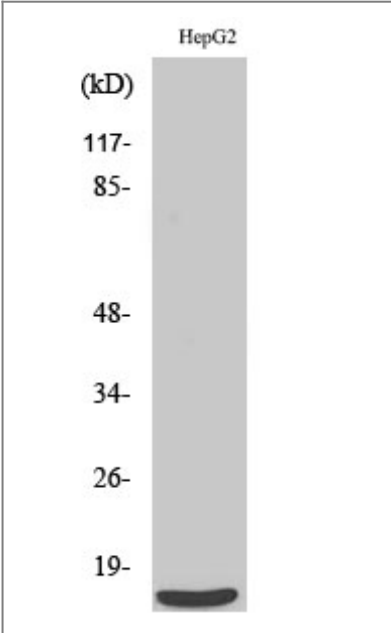
Specificity

SAP 14 Polyclonal Antibody detects endogenous levels of SAP 14 protein.

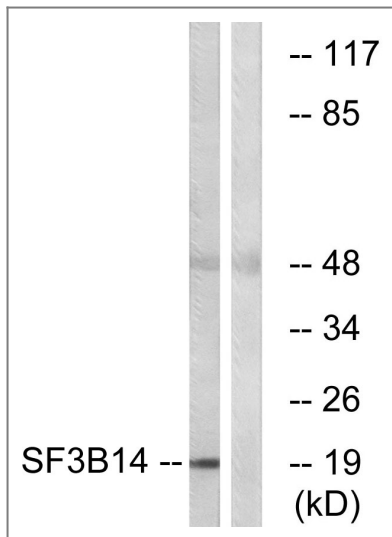
Target Information

Gene name	SF3B14		
Protein Name	Pre-mRNA branch site protein p14		
	Organism	Gene ID	UniProt ID
	Human	51639 ;	Q9Y3B4 ;
	Mouse	66055 ;	P59708 ;
Cellular Localization	Nucleus .		
Tissue specificity	Hypothalamus,Testis,Umbilical cord blood,Uterus,		
Function	Function:Necessary for the splicing of pre-mRNA. Directly contacts the pre-mRNA branch site adenosine for the first catalytic step of splicing. Enters the spliceosome and associates with the pre-mRNA branch site as part of the 17S U2 or, in the case of the minor spliceosome, as part of the 18S U11/U12 snRNP complex, and thus may facilitate the interaction of these snRNP with the branch sites of U2 and U12 respectively.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Interacts with SF3B1/SF3b155 in the region of amino acids 255-424. Interacts to a lesser extent with SF3b130.,		

Validation Data



Western Blot analysis of various cells using SAP 14 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Western blot analysis of lysates from HepG2 cells, using SF3B14 Antibody. The lane on the right is blocked with the synthesized peptide.

Contact information

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: <http://www.immunoway.com>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
SAP 14 Rabbit pAb

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[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)