Immunotag™ SAP 14 Polyclonal Antibody

Antibody Specification

Catalog No.	ITT4210
Product Description	Immunotag™ SAP 14 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SAP 14
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	SF3B14
Accession No.	Q9Y3B4 P59708
Alternate Names	SF3B14; CGI-110; HSPC175; HT006; Pre-mRNA branch site protein p14; SF3b 14 kDa subunit

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Description	splicing factor 3b subunit 6(SF3B6) Homo sapiens This gene encodes a 14 kDa protein subunit of the splicing factor 3b complex. Splicing factor 3b associates with both the U2 and U11/U12 small nuclear ribonucleoprotein complexes (U2 snRNP) of spliceosomes. This 14 kDa protein interacts directly with subunit 1 of the splicing factor 3b complex. This 14 kDa protein also interacts directly with the adenosine that carries out the first transesterification step of splicing at the pre-mRNA branch site. [provided by RefSeq, Jul 2008],
Cell Pathway/ Category	Spliceosome,
Protein Expression	Hypothalamus,Testis,Umbilical cord blood,Uterus,
Subcellular Localization	nucleoplasm,U2-type spliceosomal complex,U2 snRNP,U12-type spliceosomal complex,precatalytic spliceosome,catalytic step 2 spliceosome,
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.