

## SF3B14 Antibody

Catalog No: #34922

Package Size: #34922-1 50ul #34922-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

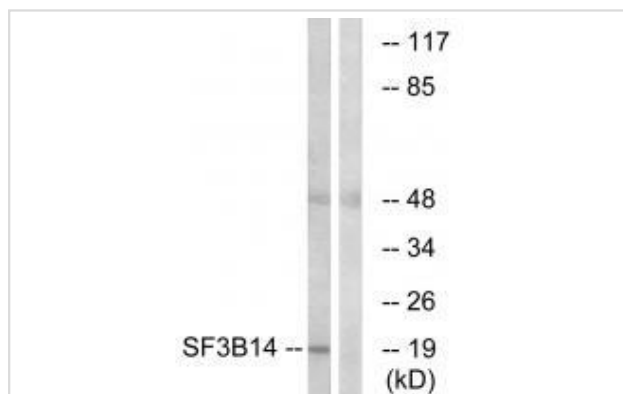
## Description

|                       |  |
|-----------------------|--|
| Product Name          | SF3B14 Antibody  |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Applications          | WB   |
| Species Reactivity    | Hu Ms  |
| Specificity           | The antibody detects endogenous levels of total SF3B14 protein.  |
| Immunogen Type        | Peptide  |
| Immunogen Description | Synthesized peptide derived from C-terminal of human SF3B14.   |
| Target Name           | SF3B14   |
| Other Names           | CGI-110; HSPC175; Ht006; PM14; pre-mRNA branch site protein p14  |
| Accession No.         | Swiss-Prot: Q9Y3B4NCBI Gene ID: 51639  |
| Uniprot               | Q9Y3B4   |
| GeneID                | 51639;   |
| SDS-PAGE MW           | 20kd   |
| Concentration         | 1.0mg/ml   |
| Formulation           | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage               | Store at -20°C   |

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from HepG2 cells, using SF3B14 antibody #34922.

## Background

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.

Will C.L., EMBO J. 20:4536-4546(2001).

Lai C.-H., Genome Res. 10:703-713(2000).

Zhang Q.-H., Genome Res. 10:1546-1560(2000).

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Note: This product is for in vitro research use only