

## Rabbit SF3B2 Antibody | anti-SF3B2 antibody

SF3B2 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA37582  | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

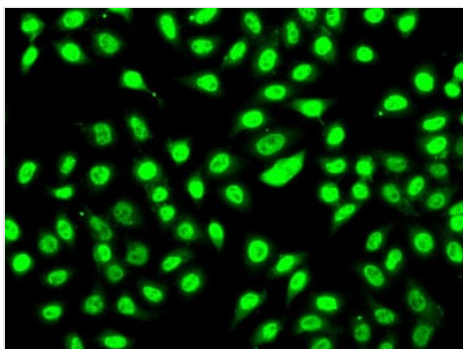
### PRODUCT SYNONYMS

SF3B2; SF3B2 Polyclonal Antibody; Cus1; SF3b1; SAP145; SF3B145; SF3b150; anti-SF3B2 antibody

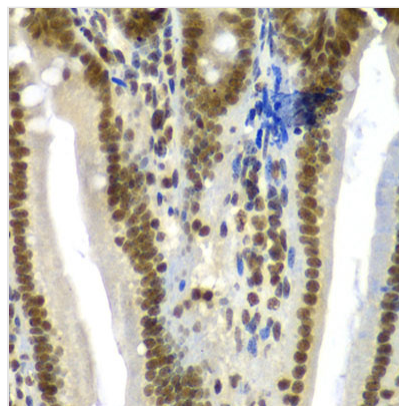
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                     |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                              |
| Reactivity                                      | Human, Mouse, Rat                                                                                                   |
| Isotype                                         | IgG                                                                                                                 |
| Purity/Purification                             | Affinity purification                                                                                               |
| Form/Format                                     | PBS with 0.02% sodium azide, 50% glycerol, pH 7.3                                                                   |
| Applicable Applications for anti-SF3B2 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                              |
| Immunogen                                       | Recombinant fusion protein containing a sequence corresponding to amino acids 616-895 of human SF3B2 (NP_006833.2). |
| Preparation and Storage                         | Store at -20°C. Avoid freeze / thaw cycles.                                                                         |

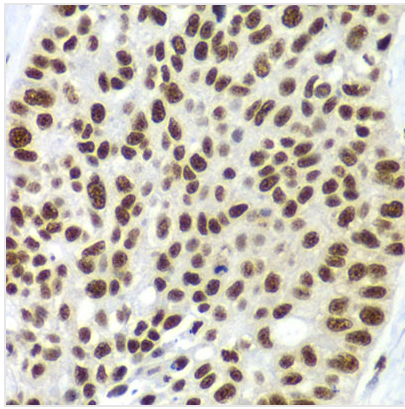
### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of A-549 cells using SF3B2 antibody (AAA37582)

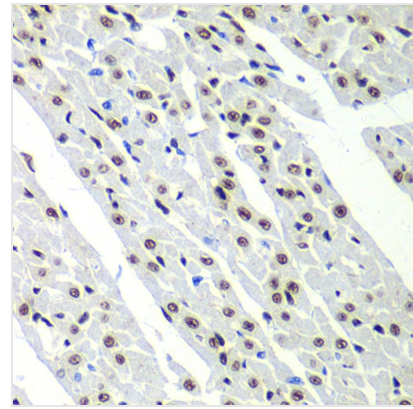

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded mouse Intestine using SF3B2 antibody (AAA37582) at dilution of 1:100 (40x lens).



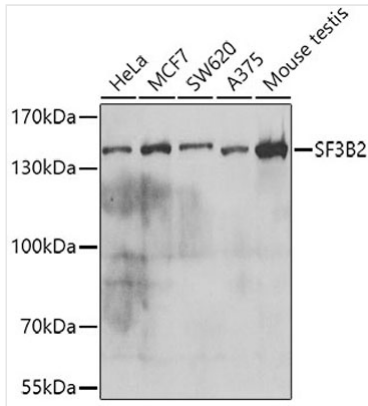
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using SF3B2 antibody (AAA37582) at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using SF3B2 antibody (AAA37582) at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SF3B2 antibody (AAA37582) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.

## ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-SF3B2 antibody</b> | This gene encodes subunit 2 of the splicing factor 3b protein complex. Splicing factor 3b, together with splicing factor 3a and a 12S RNA unit, forms the U2 small nuclear ribonucleoproteins complex (U2 snRNP). The splicing factor 3b/3a complex binds pre-mRNA upstream of the intron's branch site in a sequence-independent manner and may anchor the U2 snRNP to the pre-mRNA. Splicing factor 3b is also a component of the minor U12-type spliceosome. Subunit 2 associates with pre-mRNA upstream of the branch site at the anchoring site. Subunit 2 also interacts directly with subunit 4 of the splicing factor 3b complex. Subunit 2 is a highly hydrophilic protein with a proline-rich N-terminus and a glutamate-rich stretch in the C-terminus. |
| <b>Product Categories/Family for anti-SF3B2 antibody</b>   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                  |
|-----------------------------------------|------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 56404957                                                         |
| <b>NCBI GeneID</b>                      | 10992                                                            |
| <b>UniProt Accession #</b>              | Q13435; Q53TF2; Q9GZV3                                           |
| <b>Molecular Weight</b>                 | Observed MW: 140kDa<br>Calculated MW: 100kDa                     |
| <b>NCBI Official Full Name</b>          | High affinity choline transporter 1                              |
| <b>NCBI Official Synonym Full Names</b> | solute carrier family 5 (sodium/choline cotransporter), member 7 |

|                                      |                                                                                                                                                                                                                                                                 |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI Official Symbol</b>          | SLC5A7                                                                                                                                                                                                                                                          |
| <b>NCBI Official Synonym Symbols</b> | CHT; CHT1; hCHT; HMN7A                                                                                                                                                                                                                                          |
| <b>NCBI Protein Information</b>      | high affinity choline transporter 1; solute carrier family 5 member 7; hemicholinium-3-sensitive choline transporter; solute carrier family 5 (choline transporter), member 7; high affinity choline transporter; hemicholinium-3-sensitive choline transporter |
| <b>UniProt Protein Name</b>          | High affinity choline transporter 1                                                                                                                                                                                                                             |
| <b>UniProt Gene Name</b>             | <b>SLC5A7</b>                                                                                                                                                                                                                                                   |
| <b>UniProt Synonym Gene Names</b>    | CHT1; CHT                                                                                                                                                                                                                                                       |
| <b>UniProt Entry Name</b>            | SC5A7_HUMAN                                                                                                                                                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-human-mouse-rat-antibody/sf3b2/37582>