

Anti-SF3B1 Antibody (5W363)

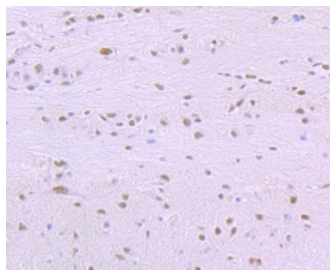
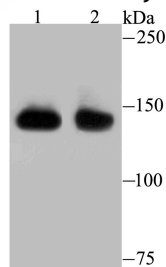
Product Details

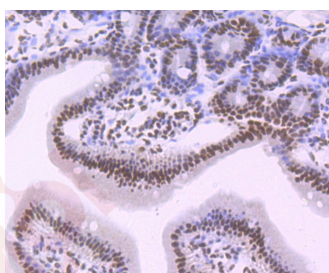
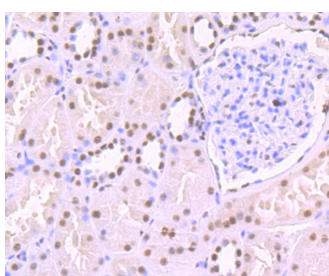
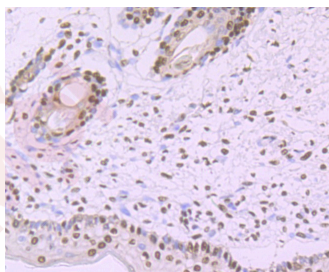
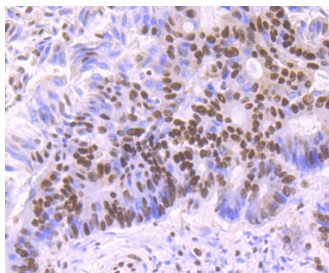
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 146 kDa.
Clone:	5W363
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of SF3B1 on different lysates using anti-SF3B1 antibody at 1/500 dilution. Positive control: Lane 1: Mouse thymus, Lane 2: HeLa.
2. Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-SF3B1 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-SF3B1 antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded human skin tissue using anti-SF3B1 antibody. Counter stained with hematoxylin.
5. Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-SF3B1 antibody. Counter stained with hematoxylin.
6. Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue using anti-SF3B1 antibody. Counter stained with hematoxylin.





Application: FCM,ICC,IF,IHC,WB

Recommended WB: 1:500-2000; IHC: 1:50-200; ICC: 1:50; FCM: 1:50-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: O75533

Synonyms: Spliceosome-associated protein 155;SAP 155;SAP155;Pre-mRNA-splicing factor SF3b 155 kDa subunit;Splicing factor 3B subunit 1;SF3b155

Research Background

Involved in pre-mRNA splicing as a component of the splicing factor SF3B complex. SF3B complex is required for 'A' complex assembly formed by the stable binding of U2 snRNP to the branchpoint sequence (BPS) in pre-mRNA. Sequence independent binding of SF3A/SF3B complex upstream of the branch site is essential, it may anchor U2 snRNP to the pre-mRNA. May also be involved in the assembly of the 'E' complex. Belongs also to the minor U12-

dependent spliceosome, which is involved in the splicing of rare class of nuclear pre-mRNA intron.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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