



## Goat anti-SF3B4 / SAP49 Antibody

<b>Item Number</b>	dAP-0338
<b>Target Molecule</b>	Principle Name: SF3B4 / SAP49; Official Symbol: SF3B4; All Names and Symbols: SF3B4; SAP49; splicing factor 3b, subunit 4, 49kD; SF3B49; MGC10828; spliceosome-associated protein (U2 snRNP); spliceosomal protein; splicing factor 3b, subunit 4; SF3b49; pre-mRNA splicing factor SF3b 49 kDa subunit; splicing factor 3b, subunit 4; Accession Number (s): NP_005841.1; Human Gene ID(s): 10262; Non-Human GeneID (s): 107701 (mouse)
<b>Immunogen</b>	AAGPISERNQDAT, is from N Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 48kDa band observed in Human HeLa lysates (calculated MW of 44.4kDa according to NP005841.1). Recommended concentration: 0.1-0.3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Champion-Arnaud P, Reed R. The prespliceosome components SAP 49 and SAP 145 interact in a complex implicated in tethering U2 snRNP to the branch site. Genes Dev 1994 Aug 15;8(16):1974-83.PMID: 7958871->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**