

Datasheet for ABIN453834
anti-SNRPB antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	SNRPB
Binding Specificity:	AA 42-72, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 42~72 amino acids from the N-terminal region of Human SNRPB Genename: SNRPB
Specificity:	This antibody recognizes SNRPB (N-term).
Purification:	Saturated Ammonium Sulfate (SAS) precipitation

Target Details

Target:	SNRPB
Alternative Name:	SNRPB (SNRPB Products)
Background:	SNRPB is one of several nuclear proteins that are found in common among U1, U2, U4/U6, and U5 small ribonucleoprotein particles (snRNPs). These snRNPs are involved in pre-mRNA splicing, and the encoded protein may also play a role in pre-mRNA splicing or snRNP structure. Autoantibodies from patients with systemic lupus erythematosus frequently recognize epitopes

Target Details

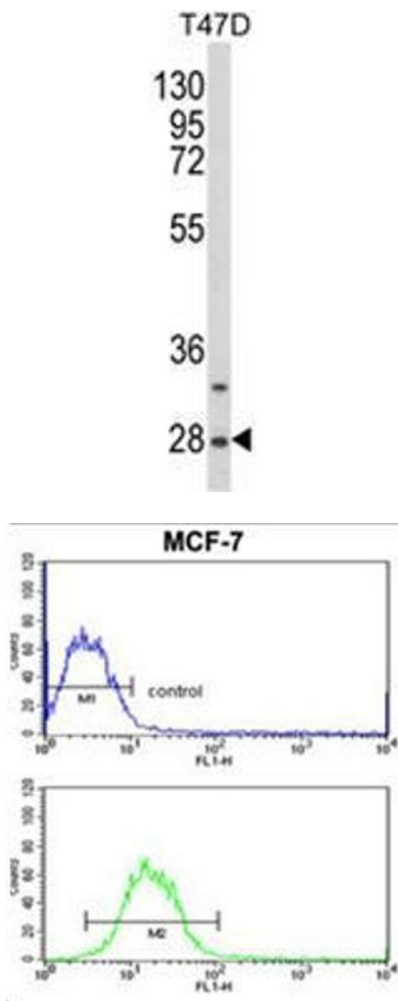
	on the encoded protein.Synonyms: COD, SNRPB1, Sm protein B/B', SmB/B', Small nuclear ribonucleoprotein-associated proteins B and B', snRNP-B
Gene ID:	6628
NCBI Accession:	NP_003082
UniProt:	P14678
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of SNRPB Antibody (N-term R49) Cat.No AP18203PU-N in T47D cell line lysates (35ug/lane). SNRPB (arrow) was detected using the purified Pab.

Flow Cytometry

Image 2. Flow Cytometric analysis of MCF-7 cells using SNRPB Antibody (N-term R49) Cat.No AP18203PU-N (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.