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SNRPB2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12381a

Product Information

Application	WB, E
Primary Accession	P08579
Other Accession	Q9CQI7, NP_003083.1, NP_937863.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31306
Calculated MW	25486
Antigen Region	1-30

Additional Information

Gene ID	6629
Other Names	U2 small nuclear ribonucleoprotein B'', U2 snRNP B'', SNRPB2
Target/Specificity	This SNRPB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human SNRPB2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SNRPB2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SNRPB2
Function	Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11991638, PubMed:28076346, PubMed:28502770, PubMed:28781166, PubMed:32494006). Associated with sn-RNP U2, where it

contributes to the binding of stem loop IV of U2 snRNA (PubMed:32494006, PubMed:9716128).

Cellular Location Nucleus

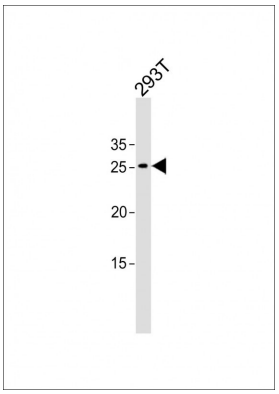
Background

The protein encoded by this gene associates with stem loop IV of U2 small nuclear ribonucleoprotein (U2 snRNP) in the presence of snRNP-A'. The encoded protein may play a role in pre-mRNA splicing. Autoantibodies from patients with systemic lupus erythematosus frequently recognize epitopes on the encoded protein. Two transcript variants encoding the same protein have been found for this gene.

References

Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)
Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)
Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)
Chung, S., et al. Biochim. Biophys. Acta 1576(3):287-297(2002)
Jurica, M.S., et al. RNA 8(4):426-439(2002)

Images



All lanes: Anti-SNRPB2 Antibody (N-term) at 1:500 dilution + 293T whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 25. 5 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.