Product Name: U1C Rabbit Monoclonal Antibody
Catalog #: AMRe02735
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.68mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 17 kDa; Observed MW: 21 kDa

Antigen Information

Gene Name	SNRPC
Alternative Names	U1 small nuclear ribonucleoprotein C; U1 snRNP C; U1-C
Gene ID	6631
SwissProt ID	P09234
Immunogen	A synthetic peptide of human U1-C

Background

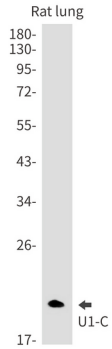
Component of the spliceosomal U1 snRNP, which is essential for recognition of the pre-mRNA 5' splice-site and the subsequent assembly of the spliceosome. SNRPC/U1-C is directly involved in initial 5' splice-site recognition for both

constitutive and regulated alternative splicing. The interaction with the 5' splice-site seems to precede base-pairing between the pre-mRNA and the U1 snRNA. Stimulates commitment or early (E) complex formation by stabilizing the base pairing of the 5' end of the U1 snRNA and the 5' splice-site region.

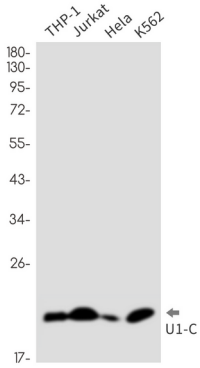
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of U1C in rat lung lysates using U1C antibody.



Western blot analysis of U1C in THP-1, Jurkat, Hela, K562 lysates using U1C antibody.