

Product Name: U1C Rabbit Monoclonal Antibody
Catalog #: AMRe02735



Summary

Production Name	U1C Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	SNRPC
Alternative Names	U1 small nuclear ribonucleoprotein C; U1 snRNP C; U1-C
Gene ID	6631
SwissProt ID	P09234

Application

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

Background

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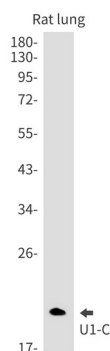


Component of the spliceosomal U1 snRNP, which is essential for recognition of the pre-mRNA 5' splice-site and the subsequent assembly of the spliceosome. SNRPC/U1-C is directly involved in initial 5' splice-site recognition for both constitutive and regulated alternative splicing. The interaction with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

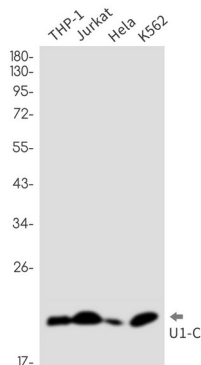
Research Area

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.

Note

For research use only.