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### anti-SNRPA1 antibody (Middle Region)

3 Images



Publication



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Target:

Overview	
Quantity:	100 μL
Target:	SNRPA1 (SNRPA)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Sheep, Cow, Horse, Guinea Pig, Zebrafish (Danio rerio), Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNRPA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Troduct Details	

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SNRPA
Sequence:	MPGQMPPAQP LSENPPNHIL FLTNLPEETN ELMLSMLFNQ FPGFKEVRLV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against SNRPA. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified
Target Details	

SNRPA1 (SNRPA)

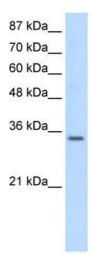
#### **Target Details**

Alternative Name:	SNRPA (SNRPA Products)	
Background:	SNRPA binds stem loop II of U1 snRNA. It is the first snRNP to interact with pre-mRNA. This interaction is required for the subsequent binding of U2 snRNP and the U4/U6/U5 tri-snRNP. In	
	a snRNP-free form (SF-A) may be involved in coupled pre-mRNA splicing and polyadenylation	
	process.	
	Alias Symbols: U1A, Mud1, U1-A	
	Protein Interaction Partner: LENG8, METTL13, RBMX, NDUFAF3, MTUS2, U2AF2, ENOX2, QKI,	
	SNRPA1, SNRPA, SFPQ, TRIM27, RBM3, PTBP1, PCBP2, PCBP1, HNRNPK, GABPB1, CIRBP,	
	UBC, LIN28B, LIN28A, RNF2, EZH2, SUZ12, EED, PRKDC, GIT1, WBP4, CDKN2A, SRPK2, SRPK3	
	C19orf43, TP63, SMAD5, IL7R, IFIT	
	Protein Size: 282	
Molecular Weight:	31 kDa	
Gene ID:	6626	
NCBI Accession:	NM_004596, NP_004587	
UniProt:	P09012	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 282 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %	
	sucrose.	
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 freeze-thaw cycles.	

#### Handling

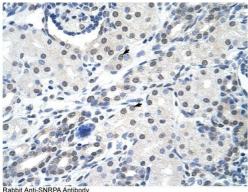
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Publications	
Product cited in:	Wang, Cambi: "Heterogeneous nuclear ribonucleoproteins H and F regulate the proteolipid protein/DM20 ratio by recruiting U1 small nuclear ribonucleoprotein through a complex array of G runs." in: <b>The Journal of biological chemistry</b> , Vol. 284, Issue 17, pp. 11194-204, (2009) (PubMed).

#### **Images**



#### **Western Blotting**

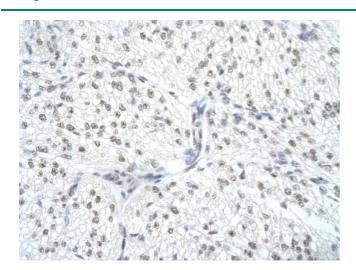
**Image 1.** WB Suggested Anti-SNRPA Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 293T cell lysate SNRPA is supported by BioGPS gene expression data to be expressed in HEK293T



## Rabbit Anti-SNRPA Antibody Catalog Number: ARP40531 Lot Number: OC9688 Paraffin Embeded Tissue: Human Kidney Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows) Antibody Concentration: 4.0-8.0 µg/ml Magnification: 400X

#### **Immunohistochemistry**

**Image 2.** Rabbit Anti-SNRPA Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



#### **Immunohistochemistry**

**Image 3.** Rabbit Anti-SNRPA Antibody Paraffin Embedded Tissue: Human cardiac cell Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X