Datasheet for ABIN629885

anti-HNRNPA1 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	HNRNPA1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNRNPA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	HNRPA1 antibody was raised using the N terminal of HNRPA1 corresponding to a region with amino acids MSKSESPKEPEQLRKLFIGGLSFETTDESLRSHFEQWGTLTDCVVMRDPN
Specificity:	HNRPA1 antibody was raised against the N terminal of HNRPA1
Purification:	Purified

Target Details

Target:	HNRNPA1
Alternative Name:	HNRPA1 (HNRNPA1 Products)
Background:	HNRPA1 belongs to the A/B subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). HNRPA1 has two repeats of quasi-RRM domains that

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Target Details

	bind to RNAs. It is one of the most abundant core proteins of hnRNP complexes and it is localized to the nucleoplasm. HNRPA1 is involved in the packaging of pre-mRNA into hnRNP particles, transport of poly A+ mRNA from the nucleus to the cytoplasm, and may modulate splice site selection. It is also thought have a primary role in the formation of specific myometrial protein species in parturition.
Molecular Weight:	35 kDa (MW of target protein)

Application Details

Application Notes:	WB: 1.25 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	HNRPA1 Blocking Peptide, catalog no. 33R-6455, is also available for use as a blocking control in assays to test for specificity of this HNRPA1 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of HNRPA1 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

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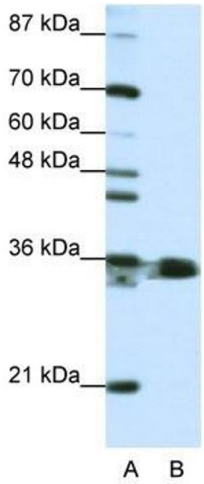
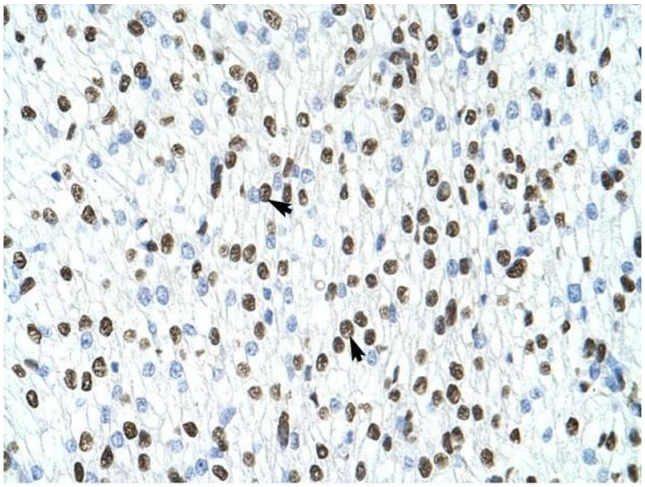


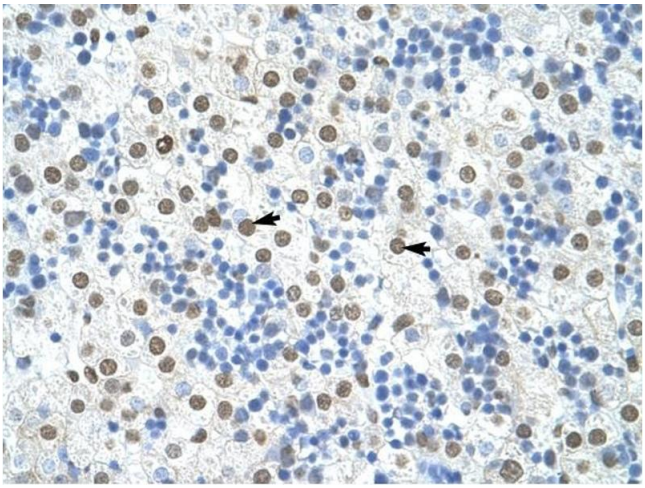
Western Blotting

Image 1. HNRPA1 antibody used at 1.25 ug/ml to detect target protein.



Immunohistochemistry

Image 2. HNRPA1 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Myocardial cells (arrows) in Human Head. Magnification is at 400X



Immunohistochemistry

Image 3. HNRPA1 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Hepatocytes (arrows) in Human Liver. Magnification is at 400X.

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