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anti-HNRNPA1 antibody





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Quantity:	100 μL
Target:	HNRNPA1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNRNPA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human hnRNP A1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to hnRNP A1 (heterogeneous nuclear ribonucleoprotein A1) hnRNP A1 antibody
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target: HNRNPA1

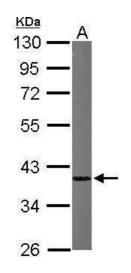
Target Details

rarget Details	
Alternative Name:	heterogeneous nuclear ribonucleoprotein A1 (HNRNPA1 Products)
Background:	This gene 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). These proteins are associated with pre-mRNAs in the
	nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism
	and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle
	between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding
	properties. The protein encoded by this gene has two repeats of quasi-RRM domains that bind
	to RNAs. It is one of the most abundant core proteins of hnRNP complexes and it is localized t
	the nucleoplasm. This protein, along with other hnRNP proteins, is exported from the nucleus,
	probably bound to mRNA, and is immediately re-imported. Its M9 domain acts as both a
	nuclear localization and nuclear export signal. The encoded protein 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. Multiple alternatively spliced
	transcript variants have been found for this gene but only two transcripts are fully described.
	These variants have multiple alternative transcription initiation sites and multiple polyA sites.
	Cellular Localization: Nucleus , Cytoplasm
Molecular Weight:	39 kDa
Gene ID:	3178
UniProt:	P09651
Application Details	
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations
	should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: H1299 , HeLaS3 , Mouse brain , PC-12 , 293T
	Validation: KO/KD
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Handling

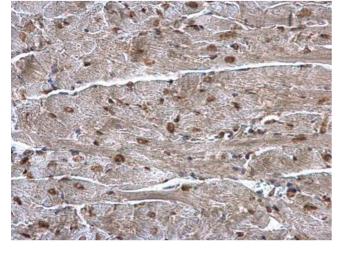
Concentration:	0.46 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



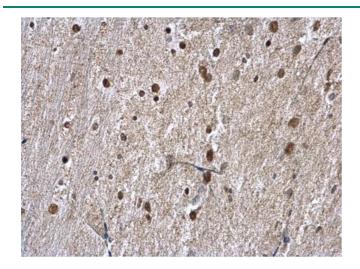
Western Blotting

Image 1. WB Image Sample (50 ug of whole cell lysate) A: Mouse brain 10% SDS PAGE antibody diluted at 1:1000



Immunohistochemistry

Image 2. IHC-P Image hnRNP A1 antibody detects hnRNP A1 protein at nucleus on mouse heart by immunohistochemical analysis. Sample: Paraffin-embedded mouse heart. hnRNP A1 antibody, diluted at 1:500.



Immunohistochemistry

Image 3. IHC-P Image hnRNP A1 antibody detects hnRNP A1 protein at nucleus on mouse fore brain by immunohistochemical analysis. Sample: Paraffin-embedded mouse fore brain. hnRNP A1 antibody, diluted at 1:500.

Please check the product details page for more images. Overall 6 images are available for ABIN2856277.