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Datasheet for ABIN5647145
anti-HNRNPA1 antibody (AA 8-42)

5 Images

Overview

Quantity:	100 µg
Target:	HNRNPA1
Binding Specificity:	AA 8-42
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 8-42 (KEPEQLRKLFIGGLSFETTDESLRSHFEQWGTLTD-human) were used as the immunogen for the hnRNP A1 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	HNRNPA1
Alternative Name:	hnRNP A1 (HNRNPA1 Products)
Background:	Heterogeneous nuclear ribonucleoprotein A1 is a protein that in humans is encoded by the HNRNPA1 gene. This gene encodes a member of a family of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs), which are RNA-binding proteins that associate with pre-mRNAs in the nucleus and influence pre-mRNA processing, as well as other

Target Details

aspects of mRNA metabolism and transport. The protein encoded by this gene is one of the most abundant core proteins of hnRNP complexes and plays a key role in the regulation of alternative splicing. Mutations in this gene have been observed in individuals with amyotrophic lateral sclerosis 20. Multiple alternatively spliced transcript variants have been found. There are numerous pseudogenes of this gene distributed throughout the genome.

UniProt: [P09651](#)

Application Details

Application Notes: Optimal dilution of the hnRNP A1 antibody should be determined by the researcher.\. Western blot: 0.5-1 µg/mL, Immunohistochemistry (FFPE): 1-2 µg/mL

Restrictions: For Research Use only

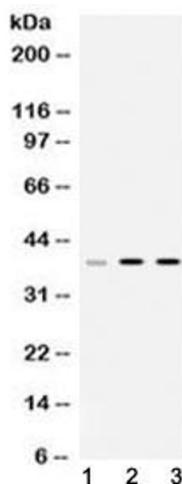
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

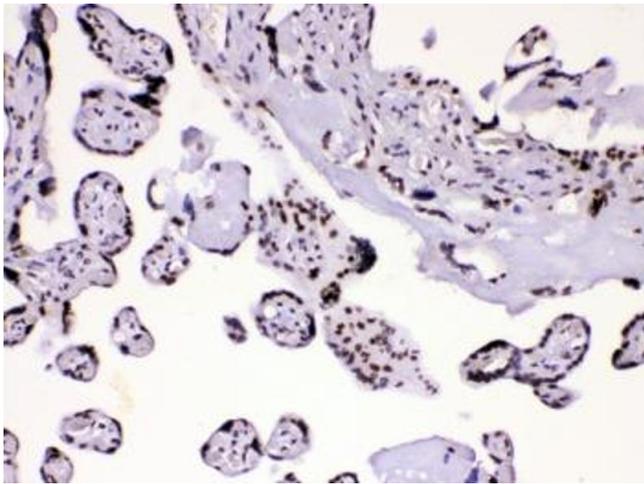
Storage Comment: After reconstitution, the hnRNP A1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



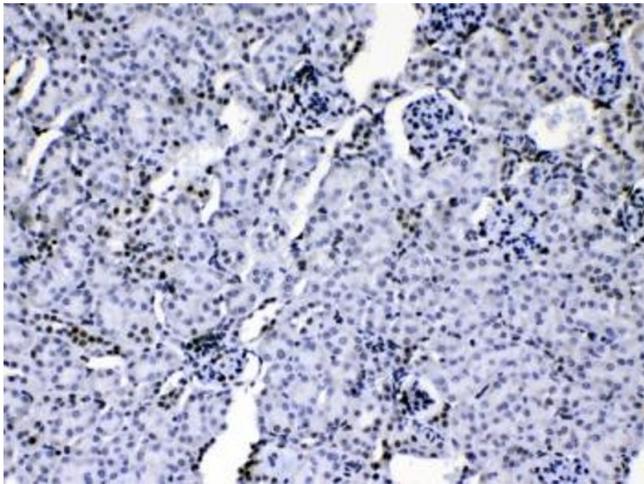
Western Blotting

Image 1. Western blot testing of 1) rat liver, 2) mouse thymus and 3) human HeLa lysate with hnRNP A1 antibody at 0.5ug/ml. Predicted molecular weight ~39 kDa.



Immunohistochemistry

Image 2. IHC testing of human placental tissue with hnRNP A1 antibody at 1ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.



Immunohistochemistry

Image 3. IHC testing of mouse kidney tissue with hnRNP A1 antibody at 1ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5647145.