

Anti -hnRNP A1 Rabbit pAb

GB111886 100µL -20°C

Product Information

Description	hnRNP A1 rabbit polyclonal antibody
Protein full name	Heterogeneous nuclear ribonucleoprotein A1
Synonyms	hnRNP A1, HDP-1, Helix-destabilizing protein, Single-strand-binding protein, Topoisomerase-inhibitor suppressed, hnRNP core protein A1, Fli-2, Hnrpa1, Tis
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse hnRNP A1
Isotype	IgG
Purity	Affinity purification
Subcellular location	Cytoplasm, Nucleus
Predicted MW.	34 kDa
Observed MW.	34 kDa
Uniprot ID	P09651, P49312, P04256

Applications

Applications	Species	Dilution	Positive Sample
WB	Human, Mouse, Rat	1: 500-1: 1000	spleen, uterus, ovary
IHC/IF	Human, Mouse, Rat	1: 500-1: 2000	brain, colon, rectum

Background

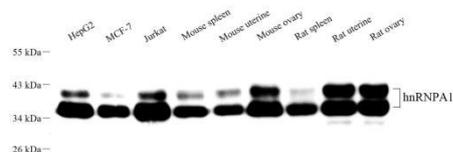
HnRNP A1 belongs to the A/B subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre mRNAs in the nucleus and appear to influence pre mRNA 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. hnRNP A1 has two repeats of quasi RRM domains that bind to RNAs.

Storage

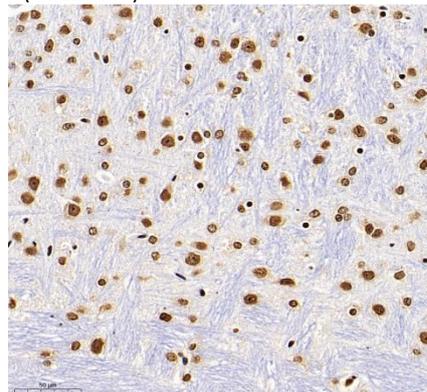
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Storage Buffer	PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

NOTE: 1. This product is intended for research only.
2. This product is recommended to dilute with the Primary Antibody Dilution Buffer.

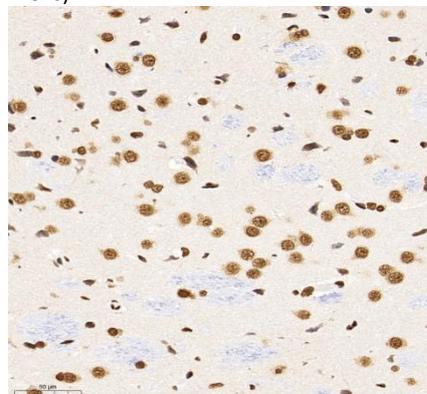
Images



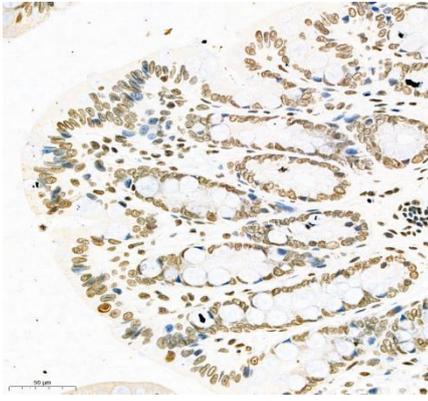
Western blot analysis of hnRNP A1 (GB111886) at dilution of 1: 500



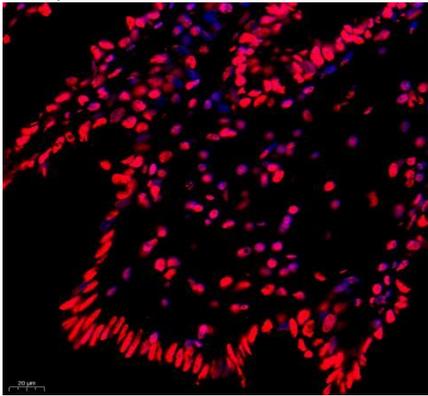
Immunohistochemistry of paraffin embedded mouse brain using hnRNP A1 (GB111886) at dilution of 1: 1000 (300x lens)



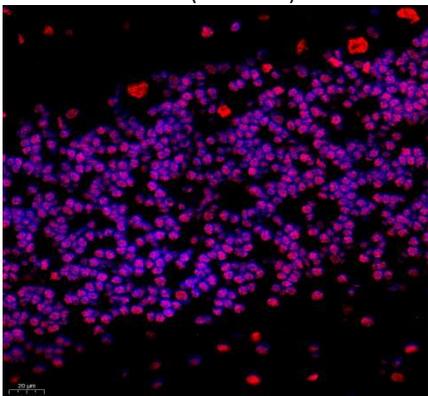
Immunohistochemistry of paraffin embedded rat brain using hnRNP A1 (GB111886) at dilution of 1: 1000 (300x lens)



Immunohistochemistry of paraffin embedded rat rectum using hnRNPA1 (GB111886) at dilution of 1: 1000 (300x lens)



Immunofluorescence of paraffin embedded human colon using hnRNPA1 (GB111886) at dilution of 1: 500 (300x lens)



Immunofluorescence of paraffin embedded rat brain using hnRNPA1 (GB111886) at dilution of 1: 500 (400x lens)