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HNRPA2B1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant HNRPA2B1.
Catalog # AT2397a

Product Information

Application	WB, IF, E
Primary Accession	P22626
Other Accession	BC000506
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	1G12-6C5
Calculated MW	37430

Additional Information

Gene ID	3181
Other Names	Heterogeneous nuclear ribonucleoproteins A2/B1, hnRNP A2/B1, HNRNPA2B1, HNRPA2B1
Target/Specificity	HNRPA2B1 (AAH00506, 1 a.a. ~ 249 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	HNRPA2B1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

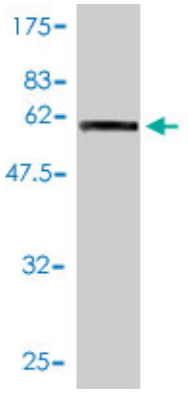
Background

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. This gene has been described to generate two alternatively spliced transcript variants which encode different isoforms.

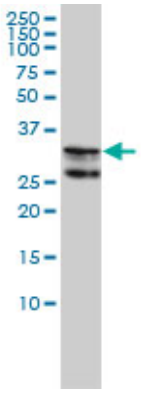
References

1.TAR DNA-binding protein 43 (TDP-43) regulates stress granule dynamics via differential regulation of G3BP and TIA-1.McDonald KK, Aulas A, Destroismaisons L, Pickles S, Beleac E, Camu W, Rouleau GA, Vande Velde C.Hum Mol Genet. 2011 Jan 27. [Epub ahead of print]

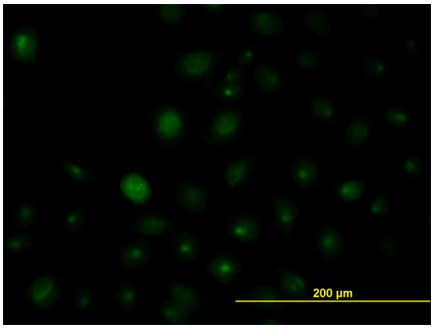
Images



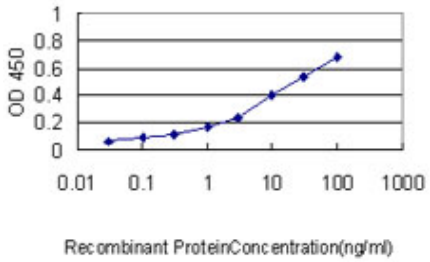
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (53.13 KDa) .



HNRPA2B1 monoclonal antibody (M01), clone 1G12-6C5 Western Blot analysis of HNRPA2B1 expression in K-562 ((Cat # AT2397a)



Immunofluorescence of monoclonal antibody to HNRPA2B1 on HeLa cell. [antibody concentration 20 ug/ml]



Detection limit for recombinant GST tagged HNRPA2B1 is approximately 0.3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.