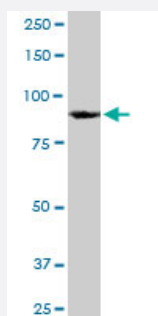


HNRNPU monoclonal antibody (M03), clone 4G11

Catalog # H00003192-M03

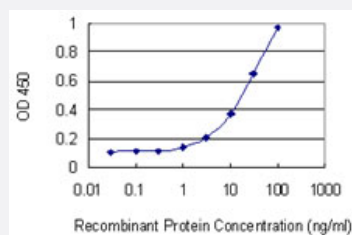
Size 100 ug

Applications



Western Blot (Cell lysate)

HNRNPU monoclonal antibody (M03), clone 4G11. Western Blot analysis of HNRNPU expression in NIH/3T3(Cat # L018V1).



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant HNRNPU.

Immunogen	HNRNPU (NP_004492.2, 352 a.a. ~ 460 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LLGEEEFSGYSLKGIKTCNCETEDYGEKFDENDVITCFANFESDEVELSYAKNGQDLGVAFKISK EVLAGRPLFPVHLCHNCAVEFNFGQKEKPYFPIPEEYTFIQNV
Host	Mouse
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

HNRNPU monoclonal antibody (M03), clone 4G11. Western Blot analysis of HNRNPU expression in NIH/3T3(Cat # L018V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — HNRNPU

Entrez GeneID [3192](#)

GeneBank Accession#	NM_004501
Protein Accession#	NP_004492.2
Gene Name	HNRNPU
Gene Alias	HNRPU, SAF-A, U21.1
Gene Description	heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A)
Omim ID	602869
Gene Ontology	Hyperlink
Gene Summary	<p>This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they form complexes 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 contains a RNA binding domain and scaffold-associated region (SAR)-specific bipartite DNA-binding domain. This protein is also thought to be involved in the packaging of hnRNA into large ribonucleoprotein complexes. During apoptosis, this protein is cleaved in a caspase-dependent way. Cleavage occurs at the SALD site, resulting in a loss of DNA-binding activity and a concomitant detachment of this protein from nuclear structural sites. But this cleavage does not affect the function of the encoded protein in RNA metabolism. At least two alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000038192 heterogeneous nuclear ribonucleoprotein U hnRNP U protein p120 nuclear protein scaffold attachment factor A