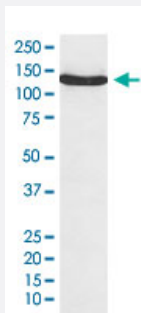


HNRNPU monoclonal antibody, clone AEDD-8

Catalog # MAB22293 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of K-562 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human HNRNPU.
Immunogen	A synthetic peptide corresponding to human HNRNPU.
Host	Rabbit
Reactivity	Human
Specificity	This antibody reacts with human, mouse, rat HNRNPU, in native form and recombinant. Superfamily members of HNRNPU are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-200) Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of K-562 cell lysate.

- Immunofluorescence

Gene Info — HNRNPU

Entrez GeneID

[3192](#)

Protein Accession#

[Q00839](#)

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

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]

Other Designations

OTTHUMP00000038192|heterogeneous nuclear ribonucleoprotein U|hnRNP U protein|p120 nuclear protein|scaffold attachment factor A