

DDX41 Antibody(N-term) Blocking peptide

Synthetic peptide Catalog # BP19450a

Specification

DDX41 Antibody(N-term) Blocking peptide - Product Information

Primary Accession

09UIV9

DDX41 Antibody(N-term) Blocking peptide - Additional Information

Gene ID 51428

Other Names

Probable ATP-dependent RNA helicase DDX41, DEAD box protein 41, DEAD box protein abstrakt homolog, DDX41, ABS

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DDX41 Antibody(N-term) Blocking peptide - Protein Information

Name DDX41

Synonyms ABS

Function

Probable ATP-dependent RNA helicase. Is required during post- transcriptional gene expression. May be involved in pre-mRNA splicing.

Cellular Location

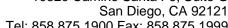
Nucleus.

DDX41 Antibody(N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides

DDX41 Antibody(N-term) Blocking peptide - Images





DDX41 Antibody(N-term) Blocking peptide - Background

DEAD box proteins, characterized by the conserved motifAsp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclearand mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of the DEAD boxprotein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This geneencodes a member of this family. The function of this member hasnot been determined. Based on studies in Drosophila, the abstraktgene is widely required during post-transcriptional geneexpression.

DDX41 Antibody(N-term) Blocking peptide - References

Wu, C., et al. Proteomics 7(11):1775-1785(2007)Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Nousiainen, M., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5391-5396(2006)