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DDX41 Antibody(N-term) Blocking peptide
Synthetic peptide
Catalog # BP19450a

Specification

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

Primary Accession Q9UJV9

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

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DDX41 Antibody(N-term) Blocking peptide - Background

DEAD box proteins, characterized by the conserved motifAsp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They areimplicated in a number of cellular processes involving alterationof 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)