

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

DDX41 Antibody(N-term) Blocking peptide - Product InformationPrimary Accession [O9UJV9](#)**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 abstract 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 motif Asp-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, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a member of this family. The function of this member has not been determined. Based on studies in *Drosophila*, the abstract gene is widely required during post-transcriptional gene expression.

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)