

**DDX50 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8763a****Specification**

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**DDX50 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9BQ39](#)**DDX50 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 79009**Other Names**

ATP-dependent RNA helicase DDX50, DEAD box protein 50, Gu-beta, Nucleolar protein Gu2, DDX50

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8763a](/products/AP8763a) was selected from the N-term region of human DDX50. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**DDX50 Antibody (N-term) Blocking Peptide - Protein Information****Name** DDX50**Cellular Location**

Nucleus, nucleolus.

**DDX50 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**DDX50 Antibody (N-term) Blocking Peptide - Images**

**DDX50 Antibody (N-term) Blocking Peptide - Background**

DDX50 belongs to the RNA helicase family of proteins involved in unwinding double-stranded RNA during transcription and pre-mRNA splicing, ribosomal RNA synthesis, translation, RNA transport, and RNA stability and degradation. RNA helicases have an Asp-Glu-Ala-Asp (DEAD) motif within the catalytic domain, which gives the family its name (Valdez et al., 2002).

**DDX50 Antibody (N-term) Blocking Peptide - References**

Dephoure N., et.al., Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).Scherl A.,et.al., Mol. Biol. Cell 13:4100-4109(2002).