

**DI3L1 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5614a****Specification**

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**DI3L1 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [Q8TF46](#)  
Other Accession [NP\\_001137160.1](#)

**DI3L1 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 115752

**Other Names**

DIS3-like exonuclease 1, 3113-, DIS3L, DIS3L1, KIAA1955

**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.

**DI3L1 Antibody (N-term) Blocking peptide - Protein Information**

**Name** DIS3L

**Synonyms** DIS3L1, KIAA1955

**Function**

Catalytic component of the RNA exosome complex which has 3'→5' exoribonuclease activity and participates in a multitude of cellular RNA processing and degradation events (PubMed:<a href="http://www.uniprot.org/citations/20531386" target="\_blank">20531386</a>, PubMed:<a href="http://www.uniprot.org/citations/20531389" target="\_blank">20531389</a>, PubMed:<a href="http://www.uniprot.org/citations/37602378" target="\_blank">37602378</a>). In the cytoplasm, the RNA exosome complex is involved in general mRNA turnover and specifically degrades inherently unstable mRNAs containing AU-rich elements (AREs) within their 3' untranslated regions, and in RNA surveillance pathways, preventing translation of aberrant mRNAs. It seems to be involved in degradation of histone mRNA (PubMed:<a href="http://www.uniprot.org/citations/20531386" target="\_blank">20531386</a>, PubMed:<a href="http://www.uniprot.org/citations/20531389" target="\_blank">20531389</a>).

**Cellular Location**

Cytoplasm

**DI3L1 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**DI3L1 Antibody (N-term) Blocking peptide - Images****DI3L1 Antibody (N-term) Blocking peptide - Background**

DIS3L is a probable exonuclease. It has four isoforms.

**DI3L1 Antibody (N-term) Blocking peptide - References**

Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)