

INTS7 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP1987b**Specification**

INTS7 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9NVH2](#)**INTS7 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 25896**Other Names**

Integrator complex subunit 7, Int7, INTS7, C1orf73

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1987b](/products/AP1987b) was selected from the C-term region of human INTS7. 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.

INTS7 Antibody (C-term) Blocking Peptide - Protein Information**Name** INTS7**Synonyms** C1orf73**Function**

Component of the Integrator (INT) complex, a complex involved in the small nuclear RNAs (snRNA) U1 and U2 transcription and in their 3'-box-dependent processing. The Integrator complex is associated with the C-terminal domain (CTD) of RNA polymerase II largest subunit (POLR2A) and is recruited to the U1 and U2 snRNAs genes (Probable). Plays a role in DNA damage response (DDR) signaling during the S phase (PubMed: [21659603](http://www.uniprot.org/citations/21659603)). May be not involved in the recruitment of cytoplasmic dynein to the nuclear envelope by different components of the INT complex (PubMed: [23904267](http://www.uniprot.org/citations/23904267)).

Cellular Location

Nucleus. Chromosome. Cytoplasm Note=Localizes to sites of DNA damage in a H2AX-independent manner

INTS7 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

INTS7 Antibody (C-term) Blocking Peptide - Images

INTS7 Antibody (C-term) Blocking Peptide - Background

INTS7 is a subunit of the Integrator complex, which associates with the C-terminal domain of RNA polymerase II large subunit and mediates 3-prime end processing of small nuclear RNAs U1 and U2.

INTS7 Antibody (C-term) Blocking Peptide - References

Baillat,D., Cell 123 (2), 265-276 (2005)