

INTS4 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP1958a**Specification**

INTS4 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q96HW7](#)**INTS4 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 92105**Other Names**

Integrator complex subunit 4, Int4, INTS4

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1958a](/product/products/AP1958a) was selected from the N-term region of human INTS4. 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.

INTS4 Antibody (N-term) Blocking Peptide - Protein Information**Name** INTS4**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). Mediates recruitment of cytoplasmic dynein to the nuclear envelope, probably as component of the INT complex (PubMed:<http://www.uniprot.org/citations/23904267> target="_blank">23904267).

Cellular Location

Nucleus.

INTS4 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

INTS4 Antibody (N-term) Blocking Peptide - Images

INTS4 Antibody (N-term) Blocking Peptide - Background

INTS4 is a component of the Integrator 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.

INTS4 Antibody (N-term) Blocking Peptide - References

Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002).