

PHF22 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP1912b**Specification**

PHF22 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q96CB8](#)**PHF22 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 57117**Other Names**

Integrator complex subunit 12, Int12, PHD finger protein 22, INTS12, PHF22

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1912b](/product/products/AP1912b) was selected from the N-term region of human PHF22. 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.

PHF22 Antibody (N-term) Blocking Peptide - Protein Information**Name** INTS12**Synonyms** PHF22**Function**

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 (PubMed: [16239144](http://www.uniprot.org/citations/16239144)). Mediates recruitment of cytoplasmic dynein to the nuclear envelope, probably as component of the INT complex (PubMed: [23904267](http://www.uniprot.org/citations/23904267)).

Cellular Location

Nucleus.

PHF22 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PHF22 Antibody (N-term) Blocking Peptide - Images

PHF22 Antibody (N-term) Blocking Peptide - Background

PHF22 is a component of the integrator complex stably associated with RNA polymerase II. The integrator complex mediates RNA polymerase-II-dependent transcription. This protein is recruited to the U1 and U2 snRNA genes and mediates the snRNA's 3' end processing.

PHF22 Antibody (N-term) Blocking Peptide - References

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