

ACTR5 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9266b**Specification**

ACTR5 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O9H9F9](#)**ACTR5 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 79913

Other Names

Actin-related protein 5, hARP5, Sarcoma antigen NY-SAR-16, ACTR5, ARP5

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9266b](/products/AP9266b) was selected from the C-term region of human ACTR5. 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.

ACTR5 Antibody (C-term) Blocking Peptide - Protein Information

Name ACTR5

Synonyms ARP5

Function

Proposed core component of the chromatin remodeling INO80 complex which is involved in transcriptional regulation, DNA replication and probably DNA repair. Involved in DNA double-strand break repair and UV-damage excision repair.

Cellular Location

Nucleus. Cytoplasm. Note=Predominantly nuclear but undergoes nucleo-cytoplasmic shuttling (PubMed:19014934). Localized to interphase nuclei, but not nucleoli; excluded from chromosomes as mitosis progresses (PubMed:18163988)

ACTR5 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ACTR5 Antibody (C-term) Blocking Peptide - Images

ACTR5 Antibody (C-term) Blocking Peptide - Background

ACTR5 may be involved in transcription regulation via its interaction with the INO80 complex, a chromatin remodeling complex

ACTR5 Antibody (C-term) Blocking Peptide - References

Kitayama,K., et.al, Exp. Cell Res. 315 (2), 206-217 (2009)Jin,J., et.al, J. Biol. Chem. 280 (50), 41207-41212 (2005)Lee,S.Y., et.al, Proc. Natl. Acad. Sci. U.S.A. 100 (5), 2651-2656 (2003)