

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

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**ACTR5 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q9H9F9](#)**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)