

ACTR6 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13889b**Specification**

ACTR6 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [O9GZN1](#)**ACTR6 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 64431**Other Names**

Actin-related protein 6, hArap6, hARPX, ACTR6

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13889b was selected from the C-term region of ACTR6. 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.

ACTR6 Antibody (C-term) Blocking peptide - Protein Information**Name** ACTR6**Function**

Required for formation and/or maintenance of proper nucleolar structure and function (PubMed:26164235). Plays a dual role in the regulation of ribosomal DNA (rDNA) transcription (By similarity). In the presence of high glucose, maintains active rDNA transcription through H2A.Z deposition and under glucose starvation, is required for the repression of rDNA transcription, and this function may be independent of H2A.Z (By similarity).

Cellular Location

Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:P45890}. Nucleus Nucleus, nucleolus.
Note=Colocalizes with HP1 family proteins at pericentric heterochromatin

ACTR6 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ACTR6 Antibody (C-term) Blocking peptide - Images**ACTR6 Antibody (C-term) Blocking peptide - Background**

ACTR6 belongs to the actin family.

ACTR6 Antibody (C-term) Blocking peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007) Ohfuchi, E., et al. Eur. J. Cell Biol. 85(5):411-421(2006) Kato, M., et al. Gene 268 (1-2), 133-140 (2001) :