

ACTR5 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9266b**Specification**

ACTR5 Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q9H9F9
Reactivity	Human, Hamster
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	68297
Antigen Region	539-568

ACTR5 Antibody (C-term) - Additional Information**Gene ID** 79913**Other Names**

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

Target/Specificity

This ACTR5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 539-568 amino acids from the C-terminal region of human ACTR5.

Dilution

WB~~1:1000

IHC-P~~1:50~100

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ACTR5 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ACTR5 Antibody (C-term) - 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

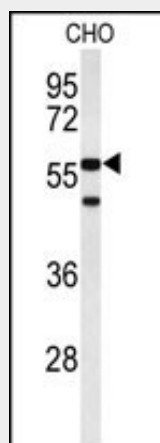
Nucleus. Cytoplasm. Note=Predominantly nuclear but undergoes nucleo-cytoplasmic shuttling (PubMed:19014934). Localized to interphase nuclei, but not nucleoli; excluded from chromosomes as mitosis progresses (PubMed:18163988)

ACTR5 Antibody (C-term) - Protocols

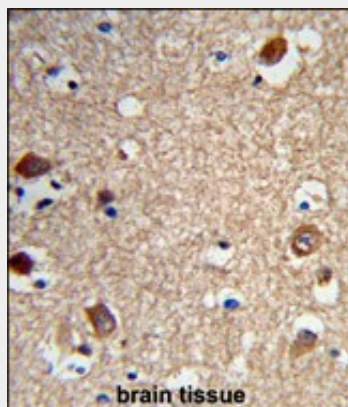
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ACTR5 Antibody (C-term) - Images



Western blot analysis of ACTR5 Antibody (C-term) (Cat. #AP9266b) in CHO cell line lysates (35ug/lane). ACTR5 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with ACTR5 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ACTR5 Antibody (C-term) - Background

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

ACTR5 Antibody (C-term) - 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)