

**HAUS4 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP5229b****Specification**

---

**HAUS4 Antibody (C-term) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC-P, WB,E            |
| Primary Accession | <a href="#">Q9H6D7</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | Rabbit IgG             |
| Calculated MW     | 42400                  |
| Antigen Region    | 288-316                |

**HAUS4 Antibody (C-term) - Additional Information****Gene ID** 54930**Other Names**

HAUS augmin-like complex subunit 4, HAUS4, C14orf94

**Target/Specificity**

This HAUS4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 288-316 amino acids from the C-terminal region of human HAUS4.

**Dilution**

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

**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**

HAUS4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**HAUS4 Antibody (C-term) - Protein Information****Name** HAUS4**Synonyms** C14orf94

**Function** Contributes to mitotic spindle assembly, maintenance of centrosome integrity and completion of cytokinesis as part of the HAUS augmin-like complex.

**Cellular Location**

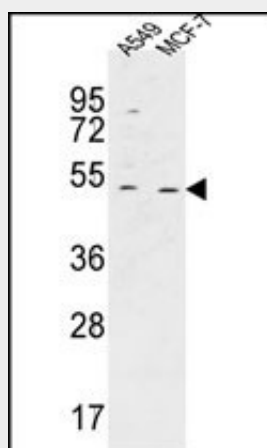
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle Note=Localizes to interphase centrosomes and to mitotic spindle microtubules.

**HAUS4 Antibody (C-term) - Protocols**

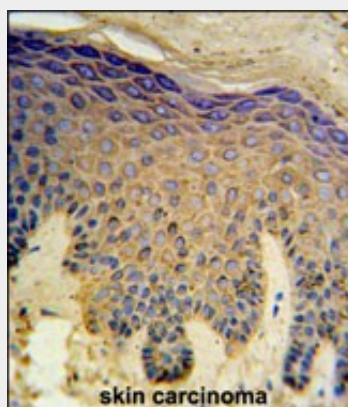
Provided below are standard protocols that you may find useful for product applications.

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

**HAUS4 Antibody (C-term) - Images**



HAUS4 Antibody (C-term) (Cat. #AP5229b) western blot analysis in A549, MCF-7 cell line lysates (35ug/lane). This demonstrates the HAUS4 antibody detected the HAUS4 protein (arrow).



HAUS4 Antibody (C-term) (Cat. #AP5229b) IHC analysis in formalin fixed and paraffin embedded skin carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.

This data demonstrates the use of the HAUS4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

**HAUS4 Antibody (C-term) - Background**

HAUS4 encodes a subunit of the centrosome complex termed the human augmin complex. The encoded protein localizes to the spindle microtubules and may play a role in mitotic spindle assembly and maintenance of centrosome integrity during cell division.

**HAUS4 Antibody (C-term) - References**

Lawo, S., et al. Curr. Biol. 19(10):816-826(2009)  
Uehara, R., et al. Proc. Natl. Acad. Sci. U.S.A. 106(17):6998-7003(2009)