10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

HAUS4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5229b

Specification

HAUS4 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q9H6D7
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
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
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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

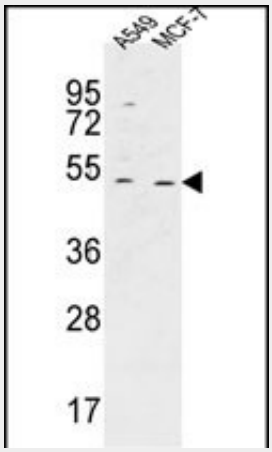
Cellular Location
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle Note=Localizes to interphase centrosomes and to mitotic spindle microtubules.

HAUS4 Antibody (C-term) - Protocols

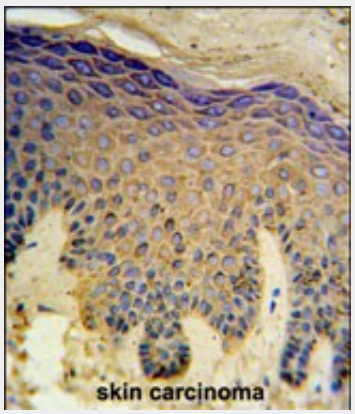
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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)