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HAUS4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5229b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9H6D7
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB25693
Calculated MW	42400
Antigen Region	288-316

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~~1:100~500 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.

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.

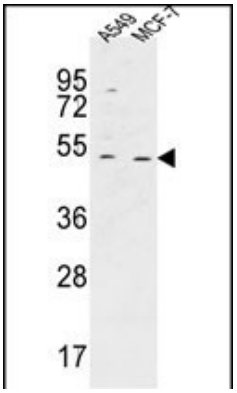
Background

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.

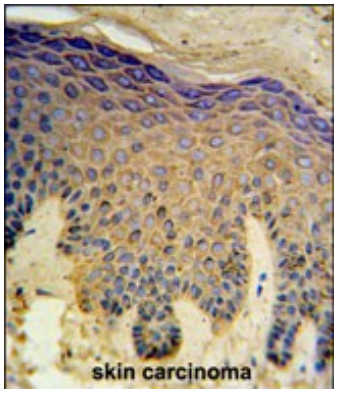
References

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)

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.