

For Research Use Only

HAUS1 Polyclonal antibody

Catalog Number: 11094-2-AP

2 Publications



Basic Information

Catalog Number:

11094-2-AP

Size:

150ul, Concentration: 240 ug/ml by Nanodrop and 180 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1569

GenBank Accession Number:

BC014003

GeneID (NCBI):

115106

UNIPROT ID:

Q96CS2

Full Name:

coiled-coil domain containing 5 (spindle associated)

Calculated MW:

32 kDa

Observed MW:

32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : human skeletal muscle tissue, HL-60 cells, HeLa cells, MOLT-4 cells

IP : HeLa cells,

IHC : human pancreas cancer tissue,

Background Information

HAUS1 is a subunit of the human augmin complex that is involved in microtubule generation and mitotic spindle formation (PMID:27036161). In addition, HAUS1 may play a major role in centrosome integrity and completion of cytokinesis. The depletion of HAUS1 in cells decreases the G2/M cell compartment and induces apoptosis. High HAUS1 expression was associated with several tumour-infiltrating immune cells such as Th2 cells, macrophages, and activated dendritic cells (PMID:35865089). 11094-2-AP can detect the 32 kDa band, which is consistent with the calculated MW.

Notable Publications

Author	Pubmed ID	Journal	Application
Dan Li	36416264	Nucleic Acids Res	WB
Yaqian Zhang	35604367	J Cell Biol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

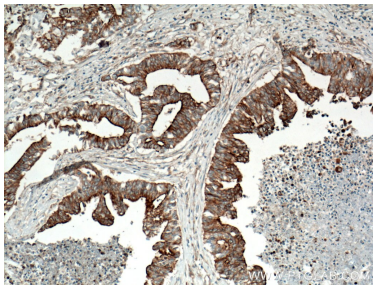
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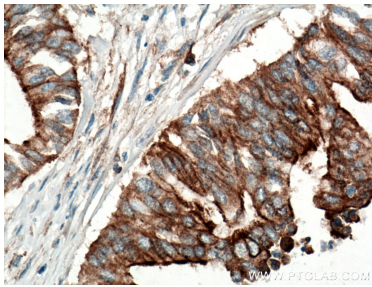
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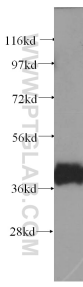
Selected Validation Data



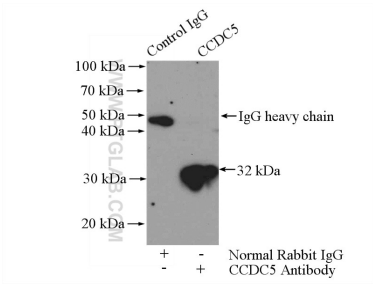
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 11094-2-AP (HAUS1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 11094-2-AP (HAUS1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 11094-2-AP (HAUS1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-HAUS1 (IP:11094-2-AP, 4ug; Detection:11094-2-AP 1:500) with HeLa cells lysate 1200ug.