

For Research Use Only

HAUS1 Polyclonal antibody, PBS Only

Catalog Number: 11094-2-PBS



Basic Information

Catalog Number:

11094-2-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human

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.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

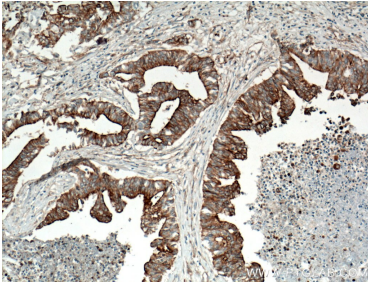
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

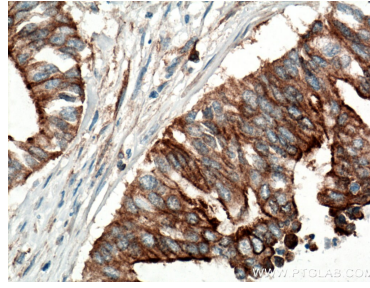
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

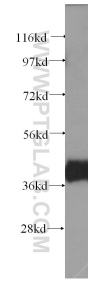
Selected Validation Data



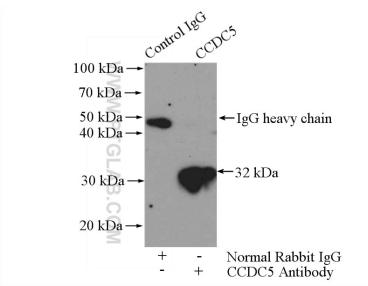
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 11094-2-AP (HAUS1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11094-2-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 11094-2-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 11094-2-PBS in a different storage buffer formulation.



IP result of anti-HAUS1 (IP:11094-2-AP, 4ug; Detection:11094-2-AP 1:500) with HeLa cells lysate 1200ug. This data was developed using the same antibody clone with 11094-2-PBS in a different storage buffer formulation.