

For Research Use Only

HAUS1 Polyclonal antibody

Catalog Number: 11094-2-AP **2 Publications**



Basic Information

Catalog Number: 11094-2-AP	GenBank Accession Number: BC014003	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 240 µg/ml by Nanodrop and 180 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 115106	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: coiled-coil domain containing 5 (spindle associated)	IHC 1:50-1:500
Isotype: IgG	Calculated MW: 32 kDa	
Immunogen Catalog Number: AG1569	Observed MW: 32 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB: human skeletal muscle tissue, HL-60 cells, HeLa cells, MOLT-4 cells
Species Specificity: human, mouse, rat	IP: HeLa cells,
Cited Species: human, mouse	IHC: human pancreas cancer tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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

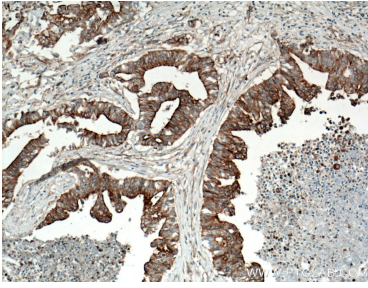
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

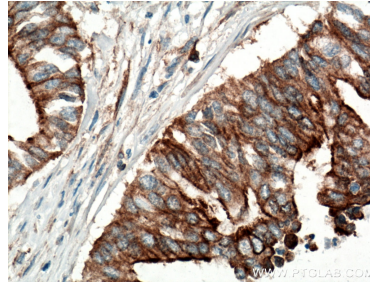
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

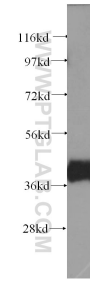
Selected Validation Data



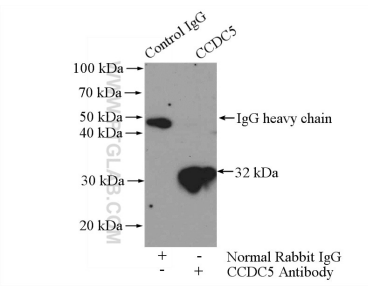
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 11094-2-AP (HAUS1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.