

For Research Use Only

HOOK3 Polyclonal antibody

Catalog Number: 15457-1-AP

Featured Product

12 Publications



Basic Information

Catalog Number:
15457-1-AP

Size:
150ul, Concentration: 600 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG7724

GenBank Accession Number:
BC056146

GeneID (NCBI):
84376

Full Name:
hook homolog 3 (Drosophila)

Calculated MW:
83 kDa

Observed MW:
83 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:1000-1:4000
IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
IHC 1:50-1:500
IF 1:10-1:100

Applications

Tested Applications:
IF, IHC, IP, WB, ELISA

Cited Applications:
IF, IHC, IP, WB

Species Specificity:
human, mouse, rat

Cited Species:
human, rat, 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: rat liver tissue, HEK-293 cells, mouse kidney tissue, human liver tissue, mouse heart tissue, mouse liver tissue

IP: mouse kidney tissue,

IHC: human kidney tissue,

IF: HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Wenhuan Guo	34598900	Cytotherapy	WB
Mara A Olenick	30373907	J Cell Biol	WB
Tianyu Wu	36395215	Science	IF

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

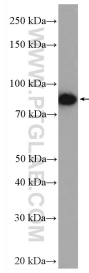
For technical support and original validation data for this product please contact:

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

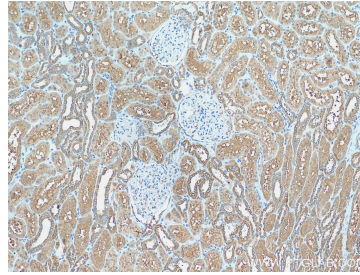
E: proteintech@ptglab.com
W: ptglab.com

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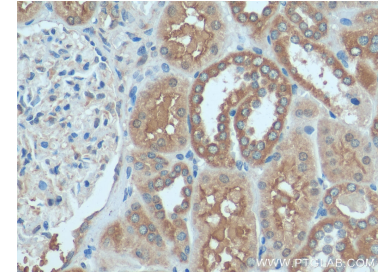
Selected Validation Data



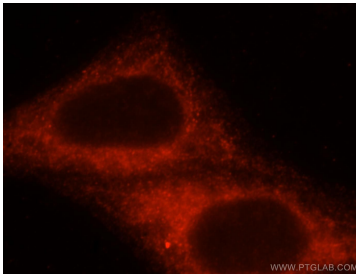
rat liver tissue were subjected to SDS PAGE followed by western blot with 15457-1-AP (HOOK3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



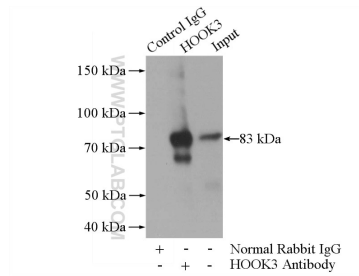
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 15457-1-AP (HOOK3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 15457-1-AP (HOOK3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells, using HOOK3 antibody 15457-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-HOOK3 (IP:15457-1-AP, 4 μ g; Detection:15457-1-AP 1:500) with mouse kidney tissue lysate 4000 μ g.