

For Research Use Only

COPS3 Polyclonal antibody

Catalog Number: 30494-1-AP

Featured Product



Basic Information

Catalog Number:

30494-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32825

GenBank Accession Number:

BC001891

GeneID (NCBI):

8533

UNIPROT ID:

Q9UNS2

Full Name:

COP9 constitutive photomorphogenic homolog subunit 3 (Arabidopsis)

Calculated MW:

48 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:500-1:2000

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

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 : HeLa cells, MCF-7 cells, mouse brain tissue, rat brain tissue

IHC : human intrahepatic cholangiocarcinoma tissue,

Background Information

COPS3 possesses kinase activity that phosphorylates regulators involved in signal transduction. It phosphorylates I kappa-Balpha, p105, and c-Jun. It acts as a docking site for complex-mediated phosphorylation. The gene is located within the Smith-Magenis syndrome region on chromosome 17.

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

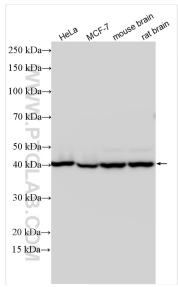
For technical support and original validation data for this product please contact:

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

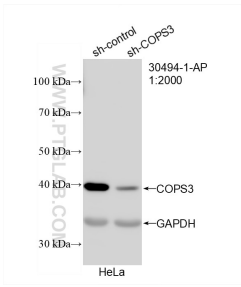
E: proteintech@ptglab.com
W: ptglab.com

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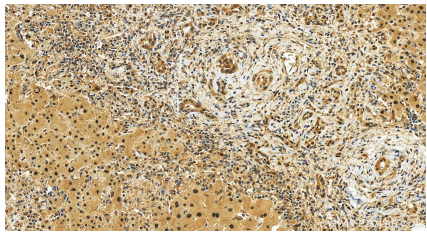
Selected Validation Data



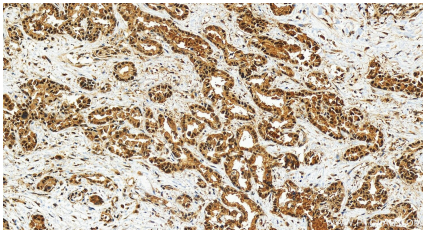
Various lysates were subjected to SDS PAGE followed by western blot with 30494-1-AP (COPS3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



WB result of COPS3 antibody (30494-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-COPS3 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 30494-1-AP (COPS3 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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