

For Research Use Only

# COPS8/COP9 Polyclonal antibody, PBS Only

Catalog Number: 10089-2-PBS



## Basic Information

Catalog Number:

10089-2-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0143

GenBank Accession Number:

BC003090

GeneID (NCBI):

10920

UNIPROT ID:

Q99627

Full Name:

COP9 constitutive photomorphogenic homolog subunit 8 (Arabidopsis)

Calculated MW:

23 kDa

Observed MW:

23 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IP, ELISA

Species Specificity:

human, mouse, rat

## Background Information

COPS8 is one of the eight subunits of COP9 signalosome, a highly conserved protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 26S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

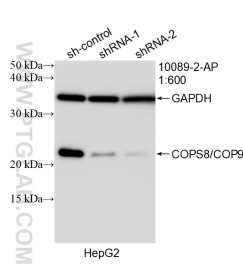
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

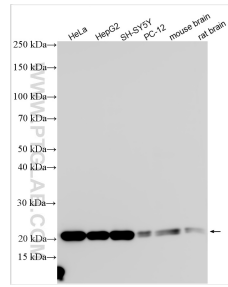
W: [ptgcn.com](http://ptgcn.com)

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

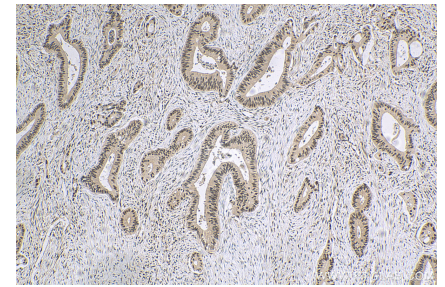
## Selected Validation Data



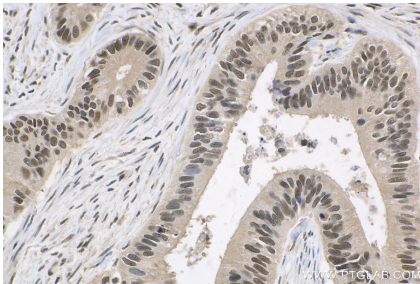
WB result of COPS8/COP9 antibody (10089-2-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-COPS8/COP9 transfected HepG2 cells. This data was developed using the same antibody clone with 10089-2-PBS in a different storage buffer formulation.



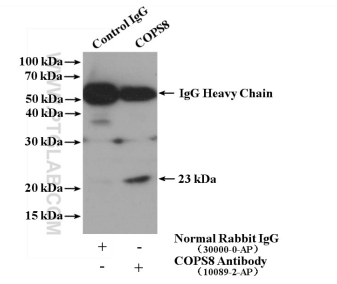
Various lysates were subjected to SDS PAGE followed by western blot with 10089-2-AP (COPS8/COP9 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10089-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10089-2-AP (COPS8/COP9 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 10089-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10089-2-AP (COPS8/COP9 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 10089-2-PBS in a different storage buffer formulation.



IP result of anti-COPS8/COP9 (IP:10089-2-AP, 4ug; Detection:10089-2-AP 1:500) with mouse brain tissue lysate 3200 ug. This data was developed using the same antibody clone with 10089-2-PBS in a different storage buffer formulation.