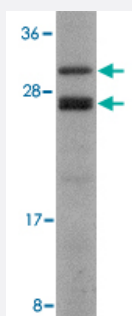


# COPS8 polyclonal antibody

Catalog # PAB13034      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of COPS8 in human liver lysate with COPS8 polyclonal antibody (Cat # PAB13034) at 2 ug/mL .

## Specification

|                            |                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against synthetic peptide of COPS8.                                                   |
| <b>Immunogen</b>           | A synthetic peptide corresponding to C-terminus 15 amino acids of human COPS8.                                          |
| <b>Host</b>                | Rabbit                                                                                                                  |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                       |
| <b>Form</b>                | Liquid                                                                                                                  |
| <b>Recommend Usage</b>     | Western Blot (1-2 ug/mL)<br>The optimal working dilution should be determined by the end user.                          |
| <b>Storage Buffer</b>      | In PBS (0.02% sodium azide)                                                                                             |
| <b>Storage Instruction</b> | Store at 4°C for three months. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.  |

## Applications

- Western Blot (Tissue lysate)

Western blot analysis of COPS8 in human liver lysate with COPS8 polyclonal antibody (Cat # PAB13034) at 2 ug/mL .

## Gene Info — COPS8

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">10920</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Protein Accession# | <a href="#">NP_006701</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Name          | COPS8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Alias         | COP9, CSN8, MGC1297, MGC43256, SGN8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Description   | COP9 constitutive photomorphogenic homolog subunit 8 (Arabidopsis)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Summary       | The protein encoded by this gene 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 26 S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq] |
| Other Designations | COP9 signalosome subunit 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Publication Reference

- [The ubiquitin ligase activity in the DDB2 and CSA complexes is differentially regulated by the COP9 signalosome in response to DNA damage.](#)

Groisman R, Polanowska J, Kuraoka I, Sawada J, Saijo M, Drapkin R, Kisselev AF, Tanaka K, Nakatani Y.  
Cell 2003 May; 113(3):357.

Application: WB-Re, WB-Tr, Human, HeLa cells, Recombinant proteins

- [Protein kinase CK2 and protein kinase D are associated with the COP9 signalosome.](#)

Uhle S, Medalia O, Waldron R, Dumdey R, Henklein P, Bech-Otschir D, Huang X, Berse M, Sperling J, Schade R, Dubiel W.  
The EMBO Journal 2003 Mar; 22(6):1302.

- [The COP9 signalosome: at the interface between signal transduction and ubiquitin-dependent proteolysis.](#)

Bech-Otschir D, Seeger M, Dubiel W.

Journal of Cell Science 2002 Feb; 115(Pt 3):467.

Application: WB-Tr, Drosophila, Plant, Mammalian cells, Plant cells