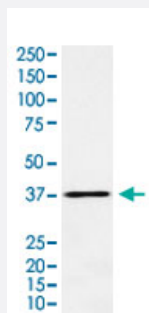


# COPS5 monoclonal antibody, clone AEEG-3

Catalog # MAB22173      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of MCF-7 cell lysate.

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic protein of human COPS5.
<b>Immunogen</b>	A synthetic peptide corresponding to human COPS5.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody reacts with human, mouse, rat COPS5, in native form and recombinant. Superfamily members of COPS5 are not reactive to antibody.
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

**Storage Instruction**

Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of MCF-7 cell lysate.

## Gene Info — COPS5

**Entrez GeneID**[10987](#)**Protein Accession#**[Q92905](#)**Gene Name**

COPS5

**Gene Alias**

CSN5, JAB1, MGC3149, MOV-34, SGN5

**Gene Description**

COP9 constitutive photomorphogenic homolog subunit 5 (Arabidopsis)

**Omim ID**[604850](#)**Gene Ontology**[Hyperlink](#)**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 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. This protein is reported to be involved in the degradation of cyclin-dependent kinase inhibitor CDKN1B/p27Kip1. It is also known to be an coactivator that increases the specificity of JUN/AP1 transcription factors. [provided by RefSeq]

**Other Designations**

38 kDa Mov34 homolog|COP9 signalosome subunit 5|Jun activation domain-binding protein