

**Product Name: KD-Validated COPS3 Rabbit Polyclonal Antibody****Catalog #: KVA00464**

For research use only.

**Summary**

|                     |                                                                             |
|---------------------|-----------------------------------------------------------------------------|
| <b>Description</b>  | KO&KD-Validated antibody                                                    |
| <b>Host</b>         | Rabbit                                                                      |
| <b>Application</b>  | WB                                                                          |
| <b>Reactivity</b>   | Human,Mouse,Rat                                                             |
| <b>Conjugation</b>  | Unconjugated                                                                |
| <b>Modification</b> | Unmodified                                                                  |
| <b>Isotype</b>      | Rabbit IgG                                                                  |
| <b>Clonality</b>    | Rabbit pAb                                                                  |
| <b>Form</b>         | Liquid                                                                      |
| <b>Storage</b>      | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| <b>Shipping</b>     | Ice bags                                                                    |
| <b>Buffer</b>       | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.   |
| <b>Purification</b> | Affinity purification                                                       |

**Application**

|                         |                        |
|-------------------------|------------------------|
| <b>Dilution Ratio</b>   | WB 1:500-1:2,500       |
| <b>Molecular Weight</b> | Calculated MW: 47.9kDa |

**Antigen Information**

|                          |                                                                                                                                                                                                           |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | COPS3<br>COPS3; COP9 Signalosome Subunit 3; SGN3; CSN3; JAB1-Containing Signalosome Subunit 3;<br>COP9 Signalosome Complex Subunit 3; Signalosome Subunit 3; COP9 (Constitutive                           |
| <b>Alternative Names</b> | Photomorphogenic, Arabidopsis, Homolog) Subunit 3; COP9 Constitutive<br>Photomorphogenic Homolog Subunit 3 (Arabidopsis); COP9 Constitutive<br>Photomorphogenic Homolog Subunit 3; COP9 Complex Subunit 3 |
| <b>Gene ID</b>           | 8533.0                                                                                                                                                                                                    |
| <b>SwissProt ID</b>      | Q9UNS2                                                                                                                                                                                                    |
| <b>Immunogen</b>         | A synthesized peptide derived from human COPS3                                                                                                                                                            |

**Background**

The protein encoded by this gene possesses kinase activity that phosphorylates regulators involved in signal transduction. It phosphorylates I kappa-Balpa, 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. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015]

## Research Area

Neuroscience, Cell Biology

## Image Data

