

## Rabbit anti-Human, Mouse COPS2 Polyclonal Antibody | anti-COPS2 antibody

COPS2 Polyclonal Antibody

|                               |                       |                                   |                                                           |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA308909</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|

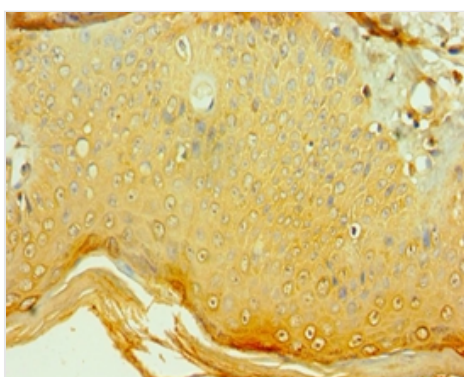
### PRODUCT SYNONYMS

COPS2; Polyclonal Antibody; COPS2 Polyclonal Antibody; SGN2; Signalosome subunit 2; Alien homolog; JAB1-containing signalosome subunit 2; Thyroid receptor-interacting protein 15; TR-interacting protein 15; TRIP-15; CSN2; TRIP15; anti-COPS2 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                           |
|-------------------------------------------------|---------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                    |
| Reactivity                                      | Human, Mouse                                                              |
| Clonality                                       | Polyclonal                                                                |
| Specificity                                     | The antibody detects endogenous level of total COPS2 polyclonal antibody. |
| Purity/Purification                             | Antigen Affinity Purified                                                 |
| Form/Format                                     | PBS with 0.02% Sodium Azide, 50% Glycerol, pH7.3.                         |
| Concentration                                   | 1.0 mg/ml (varies by lot)                                                 |
| Sequence Length                                 | 450                                                                       |
| Applicable Applications for anti-COPS2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                             |
| Immunogen                                       | Recombinant Human COP9 signalosome complex subunit 2 protein (1-310aa)    |
| Immunogen Type                                  | Protein                                                                   |
| Preparation and Storage                         | Store at -20 degree C                                                     |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human skin using at dilution of 1:100.



**WB (Western Blot)**

All lanes: COP9 signalosome complex subunit 2 antibody at 6ug/ml+mouse skeletal muscle tissue

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-COPS2 antibody | Essential component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes.The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes, leading to decrease the Ubl ligase activity of SCF-type complexes such as SCF, CSA or DDB2. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IkappaBalpha/NFKBIA, ITPK1 and IRF8/ICSBP, possibly via its association with CK2 and PKD kinases.CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively. Involved in early stage of neuronal differentiation via its interaction with NIF3L1. |
| Product Categories/Family for anti-COPS2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                               |
|----------------------------------|-------------------------------------------------------------------------------|
| NCBI GI #                        | 219842262                                                                     |
| NCBI GeneID                      | 9318                                                                          |
| NCBI Accession #                 | NP_001137359.1                                                                |
| NCBI GenBank Nucleotide #        | NM_001143887.1                                                                |
| UniProt Accession #              | P61201; O88950; Q15647; Q6FGP4; Q9BY54; Q9R249; Q9UNI2; Q9UNQ5                |
| Molecular Weight                 | 52,405 Da                                                                     |
| NCBI Official Full Name          | COP9 signalosome complex subunit 2 isoform 2                                  |
| NCBI Official Synonym Full Names | COP9 signalosome subunit 2                                                    |
| NCBI Official Symbol             | COPS2                                                                         |
| NCBI Official Synonym Symbols    | CSN2; SGN2; ALIEN; TRIP15                                                     |
| NCBI Protein Information         | COP9 signalosome complex subunit 2                                            |
| UniProt Protein Name             | COP9 signalosome complex subunit 2                                            |
| UniProt Gene Name                | COPS2                                                                         |
| UniProt Synonym Gene Names       | CSN2; TRIP15; SGN2; Signalosome subunit 2; TR-interacting protein 15; TRIP-15 |
| UniProt Entry Name               | CSN2_HUMAN                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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