

## Rabbit CSN3 Polyclonal Antibody | anti-CSN3 antibody

CSN3 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA294569 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

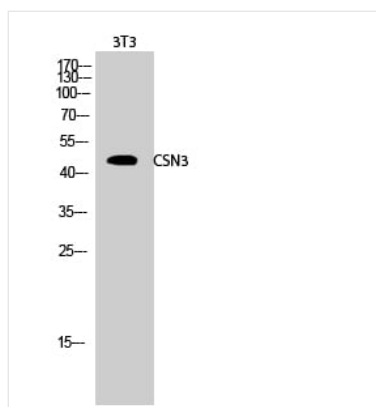
### PRODUCT SYNONYMS

CSN3; Polyclonal Antibody; CSN3 Polyclonal Antibody; COPS3; COP9 signalosome complex subunit 3; SGN3; Signalosome subunit 3; JAB1-containing signalosome subunit 3; anti-CSN3 antibody

### PRODUCT SPECIFICATIONS

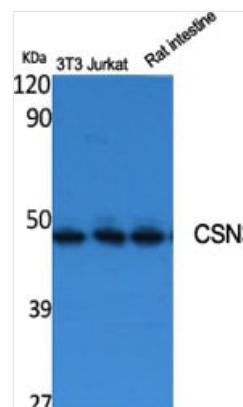
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-CSN3 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



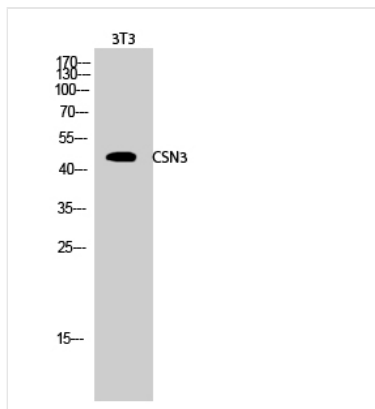
#### WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.  
Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.



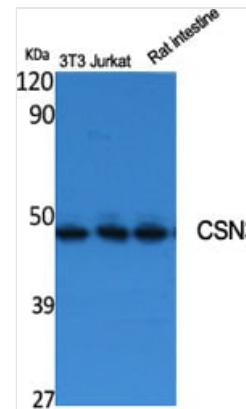
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## ADDITIONAL INFORMATION

### Related Product Information for anti-CSN3 antibody

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.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 312284090                                                                                                                                                                      |
| NCBI GeneID                      | 8533                                                                                                                                                                           |
| NCBI Accession #                 | NP_001186054.1                                                                                                                                                                 |
| NCBI GenBank Nucleotide #        | NM_001199125.1                                                                                                                                                                 |
| UniProt Accession #              | Q9UNS2; O43191; Q7LDR6; B2R683; B4DY81                                                                                                                                         |
| Molecular Weight                 | 47,873 Da                                                                                                                                                                      |
| NCBI Official Full Name          | COP9 signalosome complex subunit 3 isoform 2                                                                                                                                   |
| NCBI Official Synonym Full Names | COP9 signalosome subunit 3                                                                                                                                                     |
| NCBI Official Symbol             | COPS3                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | CSN3; SGN3                                                                                                                                                                     |
| NCBI Protein Information         | COP9 signalosome complex subunit 3; signalosome subunit 3; COP9 complex subunit 3; JAB1-containing signalosome subunit 3; COP9 constitutive photomorphogenic homolog subunit 3 |
| UniProt Protein Name             | COP9 signalosome complex subunit 3                                                                                                                                             |
| UniProt Gene Name                | <b>COPS3</b>                                                                                                                                                                   |
| UniProt Synonym Gene Names       | CSN3; SGN3                                                                                                                                                                     |
| UniProt Entry Name               | CSN3_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.