

**COPS9 Rabbit pAb**  
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**Catalog # AP94131****Specification****COPS9 Rabbit pAb - Product Information**

Application	WB
Primary Accession	<a href="#">Q8WXC6</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	6211

**COPS9 Rabbit pAb - Additional Information****Gene ID** 150678**Other Names**

COP9 signalosome complex subunit 9, CSN acidic protein, CSNAP, Myeloma-overexpressed gene 2 protein {ECO:0000303|Ref.1}, COPS9 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=21314](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=21314))  
target="\_blank">HGNC:21314</a>)

**Dilution**

WB~1:1000

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**COPS9 Rabbit pAb - Protein Information****Name** COPS9 ([HGNC:21314](#))**Function**

[Isoform 1]: 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. Plays a role in cell proliferation.

**Cellular Location**

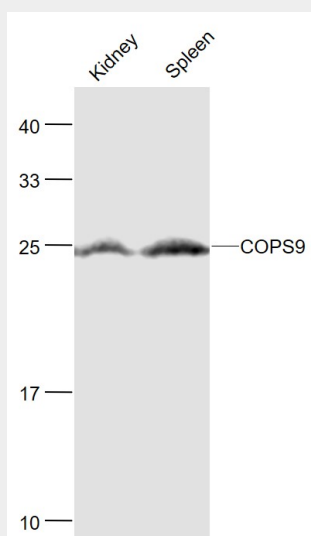
[Isoform 1]: Nucleus. Cytoplasm Nucleus, nucleoplasm. Note=Excluded from the nucleolus. Recruited to the nucleoplasm and chromatin following DNA damage induction.

### **COPS9 Rabbit pAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **COPS9 Rabbit pAb - Images**



Sample: Kidney (Mouse) Lysate at 40 ug Spleen (Mouse) Lysate at 40 ug Primary: Anti- COPS9 (AP94131) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 6'27 kD Observed band size: 25 kD

### **COPS9 Rabbit pAb - Background**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.