

bs-19146R**[Primary Antibody]****COPS9 Rabbit pAb****BioSS**
ANTIBODIES

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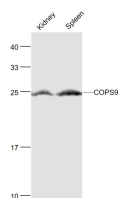
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DATASHEET

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat)
GeneID: 150678	SWISS: Q8WXC6	
Target: COPS9		Predicted MW.: 6/27 kDa
Purification: affinity purified by Protein A		Subcellular Location: Nucleus
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: 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.		

VALIDATION IMAGES

Sample: Kidney (Mouse) Lysate at 40 ug Spleen (Mouse) Lysate at 40 ug
Primary: Anti- COPS9 (bs-19146R) 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