

bs-4266R**[Primary Antibody]****Cip4 Rabbit pAb****Bioss**
ANTIBODIES

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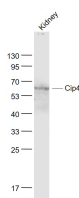
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Pig, Cow, Dog, Horse)
GeneID: 9322	SWISS: Q15642	
Target: Cip4		Predicted MW.: 66 kDa
Immunogen: KLH conjugated synthetic peptide derived from human Cip4: 151-250/601.		Subcellular Location: Cell membrane ,Cytoplasm
Purification: affinity purified by Protein A		
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: Required for translocation of GLUT4 to the plasma membrane in response to insulin signaling (By similarity). Required to coordinate membrane tubulation with reorganization of the actin cytoskeleton during endocytosis. Binds to lipids such as phosphatidylinositol 4,5-bisphosphate and phosphatidylserine and promotes membrane invagination and the formation of tubules. Also promotes CDC42-induced actin polymerization by recruiting WASL/N-WASP which in turn activates the Arp2/3 complex. Actin polymerization may promote the fission of membrane tubules to form endocytic vesicles. Required for the formation of podosomes, actin-rich adhesion structures specific to monocyte-derived cells. May be required for the lysosomal retention of FASLG/FASL.		

— VALIDATION IMAGES —

Sample: Kidney (Mouse) Lysate at 40 ug Primary:
Anti- Cip4 (bs-4266R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 66 kD
Observed band size: 66 kD