

**bs-4159R****[ Primary Antibody ]****Bioss**  
ANTIBODIES

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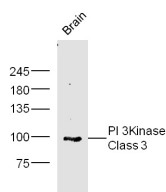
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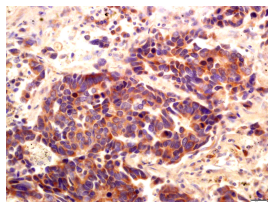
400-901-9800

**PI 3 Kinase Class 3 Rabbit pAb****— DATASHEET —**

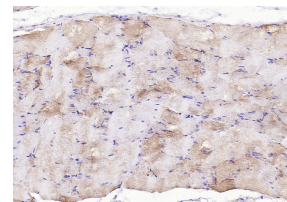
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 5289	<b>SWISS:</b> Q8NEB9	<b>IHC-F</b> (1:100-500)
<b>Target:</b> PI 3 Kinase Class 3		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PIK3C3/PI3 kinase type 3: 301-400/887.		<b>Reactivity:</b> Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Chicken, Dog, Horse)
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 98 kDa
<b>Storage:</b> 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.		<b>Subcellular Location:</b> Cytoplasm
<b>Background:</b> PI 3 Kinase Class 3 is a member of the PI3/PI4-kinase family. It is the catalytic subunit of the PI3K complex. It is involved in the transport of lysosomal enzyme precursors to lysosomes. It is ubiquitously expressed, with a highest expression in skeletal muscle.		

**— VALIDATION IMAGES —**

Sample: brain(mouse) Lysate at 40 ug Primary: Anti-PI 3 Kinase Class 3 (bs-4159R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 98kD Observed band size: 98 kD



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-PI 3 Kinase Class 3 Polyclonal Antibody, Unconjugated(bs-4159R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (Rat skeletal muscle); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PI 3 Kinase Class 3) Polyclonal Antibody, Unconjugated (bs-4159R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=13.3]** Ze-Min Li. et al. Bunyavirus SFTSV NSs utilizes autophagy to escape the antiviral innate immune response. AUTOPHAGY. 2024 五月 18 IP, WB, Co-IP ; Human. 38762760