

**bs-8621R****[ Primary Antibody ]****PDE3B Rabbit pAb****Bioss**  
ANTIBODIES

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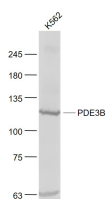
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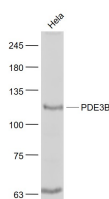
400-901-9800

**DATASHEET**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Rabbit, Pig, Dog, Horse)
<b>GeneID:</b> 5140	<b>SWISS:</b> Q13370	
<b>Target:</b> PDE3B		<b>Predicted MW.:</b> 124 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PDE3B: 451-550/1112.		<b>Subcellular Location:</b> Cell membrane
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<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>Background:</b> PDE3B is found in lymphocytes. The PDE7A1 (HCP1) isozyme and the PDE7A2 proteins, alternate splice products of PDE7A, are highly expressed in skeletal muscle. PDE7B is most highly expressed in pancreas. The PDE family contains proteins that serve tissue-specific roles in regulation of lipolysis, glycogenolysis, myocardial contractility, and smooth muscle relaxation.		

**VALIDATION IMAGES**

Sample: K562(Human) Cell Lysate at 30 ug  
Primary: Anti- PDE3B (bs-8621R) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-  
Rabbit IgG at 1/20000 dilution Predicted band  
size: 124 kD Observed band size: 124 kD



Sample: HeLa(Human) Cell Lysate at 30 ug  
Primary: Anti- PDE3B (bs-8621R) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-  
Rabbit IgG at 1/20000 dilution Predicted band  
size: 124 kD Observed band size: 124 kD

**SELECTED CITATIONS**

- **[IF=15.8]** Xingyuan Jiao. et al. Targeting the PDE3B-cAMP-autophagy axis prevents liver injury in long-term supercooling liver preservation. SCI TRANSL MED. 2024 Nov;16(775) WB ;Rat. 39602509
- **[IF=7.419]** Mingyan Shao. et al. Ginsenoside Rb3 upregulates sarcoplasmic reticulum Ca<sup>2+</sup>-ATPase expression and improves the contractility of cardiomyocytes by inhibiting the NF-κB pathway. BIOMED PHARMACOTHER. 2022 Oct;154:113661 WB ;Mouse, Rat. 10.1016/j.biopha.2022.113661