

**bs-10278R****[ Primary Antibody ]****phospho-PIK3 gamma (Thr1024) Rabbit pAb****BioSS**  
**ANTIBODIES**

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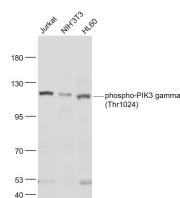
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human, Mouse (predicted: Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog, Horse)
<b>GeneID:</b> 5294	<b>SWISS:</b> P48736	<b>Predicted MW.:</b> 121 kDa
<b>Target:</b> PIK3 gamma (Thr1024)		<b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Immunogen:</b> KLH conjugated synthesised phosphopeptide derived from human PIK3 gamma around the phosphorylation site of Thr1024: HH(p-T)NL.		
<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> This gene encodes a protein that belongs to the pi3/pi4-kinase family of proteins. The gene product is an enzyme that phosphorylates phosphoinositides on the 3-hydroxyl group of the inositol ring. It is an important modulator of extracellular signals, including those elicited by E-cadherin-mediated cell-cell adhesion, which plays an important role in maintenance of the structural and functional integrity of epithelia. In addition to its role in promoting assembly of adherens junctions, the protein is thought to play a pivotal role in the regulation of cytotoxicity in NK cells. The gene is located in a commonly deleted segment of chromosome 7 previously identified in myeloid leukemias. [provided by RefSeq, Jul 2008].		

**— VALIDATION IMAGES —**

Sample: Jurkat(Human) Cell Lysate at 30 ug  
NIH/3T3(Mouse) Cell Lysate at 30 ug  
HL60(Human) Cell Lysate at 30 ug  
Primary: Anti-phospho-PIK3 gamma (Thr1024) (bs-10278R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 121 kD  
Observed band size: 121 kD

**— SELECTED CITATIONS —**

- **[IF=13.3]** Yuan Li. et al. A Biomimetic Peptide Functions as Specific Extracellular Matrix for Quiescence of Stem Cells against Intervertebral Disc Degeneration. *SMALL*. 2023 Jul;2300578 WB ;Rat. 37423970
- **[IF=5.6]** Chunyu Qin. et al. miR-129 Regulates Yak Intramuscular Preadipocyte Proliferation and Differentiation through the PI3K/AKT Pathway. *INT J MOL SCI*. 2024 Jan;25(1):632 WB ;Bovine. 38203803
- **[IF=1.516]** Lv Qing. et al. Allicin suppresses growth and metastasis of gastric carcinoma: the key role of microRNA-383-5p-mediated inhibition of ERBB4 signaling. *Biosci Biotech Bioch*. 2020 Oct;84(10):1997-2004 WB

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

;Human. 32597323