

bs-10277R**[Primary Antibody]****phospho-PIK3 gamma (Ser1101) Rabbit pAb****BioSS**
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 5294	SWISS: P48736	IHC-F (1:100-500)
Target: PIK3 gamma (Ser1101)		IF (1:100-500)
Immunogen: KLH conjugated synthesised phosphopeptide derived from human PIK3 gamma around the phosphorylation site of Ser1101: KH(p-S)A.		ICC/IF (1:100-500)
Purification: affinity purified by Protein A		ELISA (1:5000-10000)
Concentration: 1mg/ml		Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog, Horse)
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.		Predicted MW.: 121 kDa
Background: 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].		Subcellular Location: Cell membrane ,Cytoplasm

— SELECTED CITATIONS —

- **[IF=4.178]** Yuanyuan Ding. et al. Paeonol attenuates Substance P-induced urticaria by inhibiting Src kinase phosphorylation in mast cells. CELL IMMUNOL. 2023 May;;104728 IP ;Human. 37224634