

bs-5547R**[Primary Antibody]****phospho-PLCG 2 (Tyr753) Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 5336	SWISS: P16885	IHC-F (1:100-500)
Target: PLCG 2 (Tyr753)		IF (1:100-500)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human PLC gamma 2 around the phosphorylation site of Tyr753: SL(p-Y)DV.		ELISA (1:5000-10000)
Purification: affinity purified by Protein A		Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Cow, Horse)
Concentration: 1mg/ml		Predicted MW.: 147 kDa
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.		Subcellular Location: Extracellular matrix ,Cell membrane ,Cytoplasm
Background: Enzymes of the phospholipase C family catalyze the hydrolysis of phospholipids to yield diacylglycerols and water soluble phosphorylated derivatives of the lipid head groups. A number of these enzymes have specificity for phosphoinositides. Of the phosphoinositide specific phospholipase C enzymes, C beta is regulated by heterotrimeric G protein coupled receptors, while the closely related C gamma 1 and C gamma 2 enzymes are controlled by receptor tyrosine kinases. The C gamma 1 and C gamma 2 enzymes are composed of phospholipase domains that flank regions of homology to noncatalytic domains of the SRC oncogene product, SH2 and SH3.		

— SELECTED CITATIONS —

- **[IF=2.3]** Ju Liu. et al.Denatonium benzoate promotes IgE-mediated mast cell degranulation and ovalbumin-induced allergic diarrhea in BALB/c mice..ASIAN PACIFIC JOURNAL OF ALLERGY AND IMMUNOLOGY.2025 Mar 21. Western blot ;Rat. 40117235