

bs-3372R**[Primary Antibody]****phospho-RAF1 (Ser289) Rabbit pAb****BioSS**
ANTIBODIES

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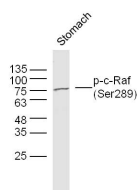
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse (predicted: Rat)
GeneID: 5894	SWISS: P04049	
Target: RAF1 (Ser289)		Predicted MW.: 73 kDa
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human RAF1 around the phosphorylation site of Ser289: SA(p-S)PS.		Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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.		
Background: The Raf family of serine/threonine specific kinases is comprised of three members (aRaf, bRaf, and cRaf) that play a critical role in regulating cell growth and differentiation, and couple growth factor receptor stimulation to nuclear transcription factors via the Ras/mitogen activated protein kinase (MAPK) pathway. cRaf kinase (also known as Raf1) is a small GTPase like kinase of 73 kDa, and is a signal transducer of multiple extracellular stimuli that is regulated by several pathways, and that once activated, phosphorylates MEK which in turn phosphorylates ERK. Raf1 is involved in the transduction of mitogenic signals from the cell membrane to the nucleus. It is part of the Ras dependent signaling pathway from receptors to the nucleus.		

— VALIDATION IMAGES —

Sample: Stomach (Mouse) Lysate at 30 ug
Primary: Anti- p-c-Raf(Ser289) (bs-3372R) at
1/300 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/10000 dilution Predicted
band size: 73 kD Observed band size: 75 kD