

**bs-3005R****[ Primary Antibody ]****phospho-A Raf (Ser214) Rabbit pAb****Bioss**  
ANTIBODIES

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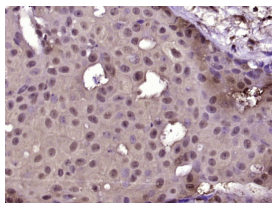
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500)
<b>Clonality:</b> Polyclonal		<b>IHC-F</b> (1:100-500)
<b>GeneID:</b> 369	<b>SWISS:</b> P10398	<b>IF</b> (1:100-500)
<b>Target:</b> A Raf (Ser214)		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse)
<b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human A Raf around the phosphorylation site of Ser214: ST(p-S)TP.		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 67 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Cytoplasm
<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> The RAF family of signaling proteins has three isoforms: A RAF, RAF 1 and B RAF. These proteins are instrumental in forwarding the stimulus generated by mitogens from monomeric G proteins to the MAP kinase pathway. RAF 1 is known to be downstream of Ras and binds to it by an N terminal noncatalytic domain. This domain is conserved in A RAF and B RAF. 14-3-3 is also known to be an activator of RAFs. Activated RAF directly phosphorylates and activates MEK. A RAF is expressed at a very high concentration in urogenital and kidney tissues.		

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (Human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-A Raf (Ser214)) Polyclonal Antibody, Unconjugated (bs-3005R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.