bs-5650R **[Primary Antibody]**

phospho-RAF1 (Tyr341) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 5894 **SWISS:** P04049

Target: RAF1 (Tyr341)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human RAF1 around the phosphorylation site of Tyr341: SY(p-Y)WE.

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.

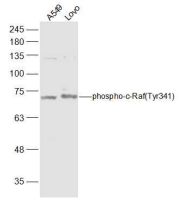
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)

Predicted MW.: 73 kDa

Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus

VALIDATION IMAGES



Sample: A549(Human) Cell Lysate at 30 ug LOVO(Human) Cell Lysate at 30 ug Primary: Anti-phospho-c-Raf(Tyr341) (bs-5650R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 73 kD Observed band size: 73 kD

SELECTED CITATIONS

- **[IF=4.39]** Wu, Wei, et al. "Regulation of integrin ??V subunit expression by sulfatide in hepatocellular carcinoma cells."Journal of Lipid Research (2013).. WB ;Human. 23345412