

Raf1 (Phospho-S43) polyclonal antibody

Catalog: BS94091

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Several serine/threonine protein kinases have been implicated as intermediates in signal transduction pathways. These include ERK/MAP kinases, ribosomal S6 kinase (Rsk) and Raf-1. Raf-1 is a cytoplasmic protein with intrinsic serine/threonine activity. It is broadly expressed in nearly all cell lines tested to date and is the cellular homolog of v-Raf, the product of the transforming gene of the 3611 strain of murine sarcoma virus. The unregulated kinase activity of the v-Raf protein has been associated with transformation and mitogenesis while the activity of Raf-1 is normally suppressed by a regulatory N-terminal domain. Raf-1 is activated in response to activation of a variety of tyrosine kinase receptors as well as in response to pp60v-Src expression. There is accumulating evidence that Ras p21 may play a role in activation of Raf-1 and may play the role of the messenger from membrane tyrosine kinases to Raf-1.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

73 kDa

Swiss-Prot:

P04049(Human) Q99N57(Mouse) P11345(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:2,000

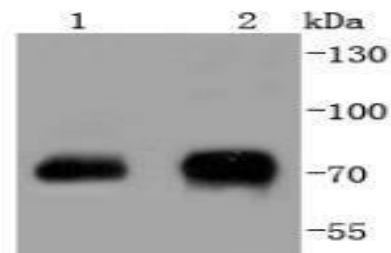
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

Raf1 (Phospho-S43) polyclonal antibody detects endogenous levels of Raf1 protein only when phosphorylated at S43.

DATA:



Western blot analysis of Phospho-Raf1(S43) on different lysates using anti-Phospho-Raf1(S43) antibody at 1/1,000 dilution. Positive control:

Lane 1: NIH/3T3

Lane 2: 293T

Note:

For research use only, not for use in diagnostic procedure.

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