

Raf-1 (phospho-S338) polyclonal antibody

Catalog: BS4732

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-A, a second member of the Raf gene family of serine/ threonine protein kinases, exhibits substantial homology to Raf-1 within the kinase domain of the two molecules, but less homology elsewhere. Expression of Raf-B is highly restricted, with highest levels in the cerebellum and testis.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 73 kDa

Swiss-Prot:

P04049

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

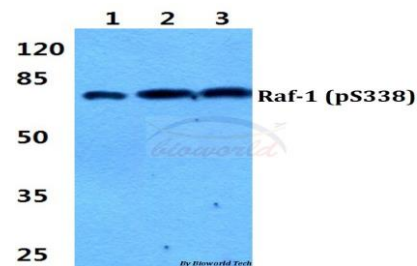
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

p-Raf-1 (S338) polyclonal antibody detects endogenous levels of Raf1 protein only when phosphorylated at Ser338

DATA:



Western blot (WB) analysis of p-Raf-1 (S338) polyclonal antibody at 1:500 dilution

Lane1:HEK293T cell lysate treated with PMA(100nM,15mins)

Lane2:Raw264.7 cell lysate treated with PMA(100nM,15mins)

Lane3:PC12 cell lysate treated with PMA(100nM,15mins)

Note:

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

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