

B-Raf (Phospho-T401) polyclonal antibody

Catalog: BS94049

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 cerebrum and testis.

Product:

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

Molecular Weight:

84 kDa

Swiss-Prot:

P15056(Human) P28028(Mouse) EntrezGene:114486(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:5,000

ICC:1:100-1:500

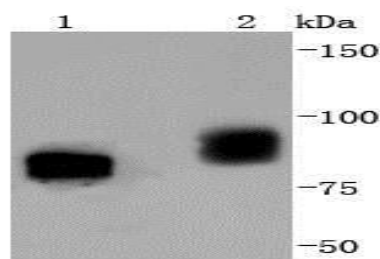
Storage&Stability:

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

Specificity:

B-Raf (Phospho-T401) polyclonal antibody detects endogenous levels of B-Raf protein only when phosphorylated at T401.

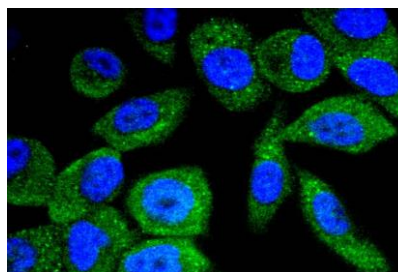
DATA:



Western blot analysis of Phospho-B Raf(T401) on different lysates using anti-Phospho-B Raf(T401) antibody at 1/1,000 dilution. Positive control:

Lane 1: Mouse testis

Lane 2: PC-12



ICC staining Phospho-B Raf(T401) in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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