

BRAF

Reactivity: Human

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 94kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human BRAF

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

boq

Synonym:

B-RAF1; BRAF1; NS7; RAFB1; Proto-oncogene B-Raf; p94; v-Raf murine sarcoma viral oncogene homolog B1 antibody;

Catalog #: A0038

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 673

Isotype: IgG

Swiss Prot: P15056

Purity: Affinity purification

For research use only.

Background:

B-Raf, also known as c-Raf, is a Serine/Threonine protein kinase member of the Raf family which includes Raf-1 and A-Raf. B-Raf is involved in the transduction of mitogenic signals from the cell membrane to the nucleus. Composed of three conserved regions (CR1, CR2, CR3) B-Raf is expressed primarily in the brain and in the nervous system. It has been observed that MAPK is activated by B-Raf in response to nerve growth factor. More than 60% of malignant melanomas were found to contain a specific mutation, B-Raf (V599E) the product of which possesses constitutive kinase activity. Mutations in B-Raf have also been identified in lung cancer and non-Hodgkin lymphoma.

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