

Raf-B Polyclonal Antibody

Catalog # AP72167

Product Information

Application WB, IHC-P **Primary Accession** P15056

Reactivity Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW84437

Additional Information

Gene ID 673

Other Names BRAF; BRAF1; RAFB1; Serine/threonine-protein kinase B-raf; Proto-oncogene

B-Raf; p94; v-Raf murine sarcoma viral oncogene homolog B1

Dilution WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

Protein Information

Name BRAF (HGNC:1097)

Synonyms BRAF1, RAFB1

Function Protein kinase involved in the transduction of mitogenic signals from the cell

membrane to the nucleus (Probable). Phosphorylates MAP2K1, and thereby activates the MAP kinase signal transduction pathway (PubMed:21441910, PubMed:29433126). Phosphorylates PFKFB2 (PubMed:36402789). May play a

role in the postsynaptic responses of hippocampal neurons

(PubMed: 1508179).

Cellular Location Nucleus. Cytoplasm. Cell membrane. Note=Colocalizes with RGS14 and RAF1

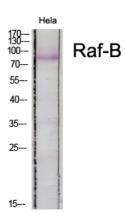
in both the cytoplasm and membranes.

Tissue Location Brain and testis.

Background

Protein kinase involved in the transduction of mitogenic signals from the cell membrane to the nucleus. May play a role in the postsynaptic responses of hippocampal neuron. Phosphorylates MAP2K1, and thereby contributes to the MAP kinase signal transduction pathway.

Images



Western Blot analysis of various cells using Raf-B Polyclonal Antibody diluted at 1:500

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