
Raf-1 (Ser642) Antibody

Subcategory: Rabbit Polyclonal Antibody, Phosphospecific Antibody

Cat. No.: 252579

Unit: 0.1 ml

Description:

The Ras pathway is a critical signal transduction cascade involved in regulating cellular proliferation, differentiation, survival, and oncogenic transformation. Members of the Raf serine/threonine kinase family are key intermediates in this cascade, functioning to relay signals from activated Ras to the downstream protein kinases MEK and ERK. Previous studies have shown that phosphorylation is required for Raf-1 activation. Recent work has demonstrated that phosphorylation also regulates the downregulation of Raf with two sites participating: Ser301 and Ser642.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: B, D, Ck, H, M, R, Mk

Format: Each vial contains 0.1 ml IgG in HEPES pH7.5, 150 mM NaCl, 0.01% BSA and 50% glycerol. Antibody was purified by immunogen affinity chromatography.

Alternate Names: RAF proto-oncogene serine/threonine-protein kinase; Proto-oncogene c-RAF; cRaf; Raf-1; Raf1; Raf

Accession No.: P11345

Antigen: KLH-conjugated synthetic phosphopeptide encompassing a sequence surrounding Ser642 of rat raf-1.

Application Notes: E: 1:1,000; WB: 1:1,000

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.