
C-raf Antibody

Subcategory: Chicken Polyclonal Antibody

Cat. No.: 254294

Unit: 0.1 mg

Description:

C-raf is the cellular homolog of viral raf gene (v-raf) and encodes a MAP kinase kinase kinase (MAP3K), which functions downstream of the Ras family of membrane associated GTPases. Once activated, C-raf phosphorylates and activates the protein kinases MEK1 and MEK2, which in turn phosphorylate and activate the serine/threonine specific protein kinases, ERK1 and ERK2. These activated ERKs are pleiotropic effectors of cell physiology and play an important role in the control of gene expression involved in the cell division cycle, apoptosis, cell differentiation and cell migration. Mutations in this gene are associated with Noonan syndrome 5 and LEOPARD syndrome 2.

Isotype: Chicken Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgY in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: C-raf; v-raf murine sarcoma viral oncogene homolog 1; raf-1; NS5

Accession No.: NP_002871

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human C-raf.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

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.