



Phospho-RAF1 (Ser43) Rabbit pAb

db24819 Package: 20µL 50µL 100µL

Product Name: Phospho-RAF1 (Ser43) Rabbit pAb

Cat.No.: db24819

Synonyms: NS5; CRAF; Raf-1; c-Raf; CMD1NN

Application: WB

Reactivity: Human, Mouse, Rat

Host species: Rabbit

Background This gene is the cellular homolog of viral raf gene (v-raf). The encoded protein is a MAP kinase

kinase kinase (MAP3K), which functions downstream of the Ras family of membrane associated GTPases to which it binds directly. Once activated, the cellular RAF1 protein can phosphorylate to activate the dual specificity protein kinases MEK1 and MEK2, which in turn phosphorylate to activate the serine/threonine specific protein kinases, ERK1 and ERK2. 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. [provided by RefSeq,

Jul 2008]

Immunogen A synthetic phosphopeptide corresponding to residues surrounding Ser43 of human RAF1

Gene ID 5894, 110157, 24703

Swiss Prot P04049, Q99N57, P11345

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Recommended dilution WB: 1:1000

Calculated MW 73 kDa

Observed MW 73 kDa

Host species Rabbit

Clonality Polyclonal

Isotype IgG

Purity Affinity Purification



For Research Use Only **Product Datasheet**

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.