

Product Datasheet

Phospho-Raf1 (S259) Antibody

Catalog No: CY5944

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: P04049

All Names: C-Raf, CRAF, EC 2.7.11.1, Protein kinase raf 1, RAF proto-oncogene serine/threonine-protein kinase, RAF-1, RAF1, Raf proto-oncogene serine/threonine-protein kinase, Raf-1, Similar to murine leukemia viral (V-raf-1) oncogene homolog 1, kinase Raf1;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 73 kDa

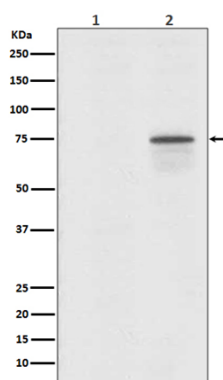
Application

WB: 1:500~1:1000

IHC: 1:50~1:100

Background

Raf-1 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 Raf-1 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.



Western blot analysis of Phospho-Raf1 (S259) expression in (1) 293T cell lysate; (2) 293T cell lysates treated with Okadaic Acid + Calyculin A.

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