

Raf-1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07628
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of Raf-1
Mol wt	73052
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p
Concentration	1 mg/ml
Full name	Raf-1 Antibody
Synonyms	RAF1; RAF; RAF proto-oncogene serine/threonine-protein kinase; Proto-oncogene c-RAF; cRaf; Raf-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

RAF1 (Raf-1 proto-oncogene, serine/threonine kinase) 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 RAF1 are associated with Noonan syndrome 5 and LEOPARD syndrome 2.

Recommended Dilution

WB: 1: 1000 - 2000

IHC: 1: 50 - 200

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year