
Product Name: Phospho-RAF1 (Ser43) Rabbit Monoclonal Antibody**Catalog #: AMRe87671**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000
Molecular Weight	Calculated MW:73 kDa; Observed MW:73 kDa

Antigen Information

Gene Name	Phospho-RAF1
Alternative Names	NS5; CRAF; Raf-1; c-Raf; CMD1NN
Gene ID	5894, 110157, 24703
SwissProt ID	P04049, Q99N57, P11345
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser43 of human RAF1

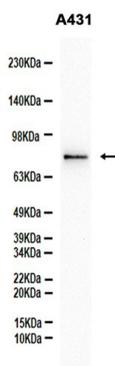
Background

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]

Research Area

Image Data



Western blot analysis of extracts from A431 cells using Phospho-RAF1 (Ser43) Rabbit Monoclonal Antibody at 1:1000.