Phospho-Raf1-S621 Rabbit Monoclonal Antibody

CABP1011

Product Information

Product SKU:	CABP1011	**Gene ID**:	5894	**Size**:	20uL, 100uL
Clone No:	ARC1556	**Host Species:**	Rabbit	**Reactivity**:	Human,Rat

Additional Information

Observed MW:	73kDa	**Conjugate:**	Unconjugated
Calculated MW:	73kDa	**Isotype:**	IgG

Immunogen Information

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.
Recommended Dilution:	WB,1:500 - 1:1000
Synonyms:	NS5; CRAF; Raf-1; c-Raf; CMD1NN; Phospho-Raf1-S621
Purifcation Method:	Affinity purification
Immunogen:	A synthetic phosphorylated peptide around S621 of human Phospho-Raf1-S621 (P04049).
Storage:	Store at -20℃. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

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