

Raf-1 protein

CatalogNo: YD0119

Key Features

Reactivity

- Human

Applications

- WB,SDS-PAGE

Storage

Storage* -20°C/6 month,-80°C for long storage

Formulation Liquid in PBS

Recommended Dilution Ratios

WB 1:500-2000

Basic Information

Source E.coli

Purification E.coli

Purity SDS-PAGE >90%

Immunogen Information

Sequence Amino acid: 492-648, with his-MBP tag.

Target Information

Gene name RAF1

Protein Name c-Raf protein

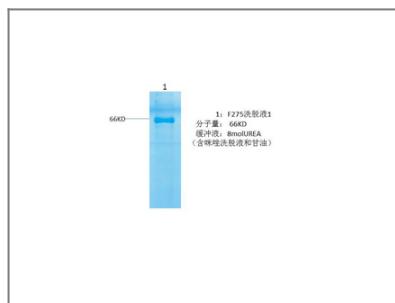
Organism	Gene ID	UniProt ID
Human	5894 ;	P04049 ;

Cellular Localization Cytoplasm. Cell membrane. Mitochondrion. Nucleus. Colocalizes with RGS14 and BRAF in both the cytoplasm and membranes. Phosphorylation at Ser-259 impairs its membrane accumulation. Recruited to the cell membrane by the active Ras protein. Phosphorylation at Ser-338 and Ser-339 by PAK1 is required for its mitochondrial localization. Retinoic acid-induced Ser-621 phosphorylated form of RAF1 is predominantly localized at the nucleus.

Tissue specificity In skeletal muscle, isoform 1 is more abundant than isoform 2.

Function protein amino acid phosphorylation, phosphorus metabolic process, phosphate metabolic process, apoptosis, cytoskeleton organization, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, transmembrane receptor protein tyrosine kinase signaling pathway, intracellular signaling cascade, small GTPase mediated signal transduction, Ras protein signal transduction, cell death, cell proliferation, programmed cell death, death, phosphorylation, nerve growth factor receptor signaling pathway,

Validation Data



Contact information

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: <http://www.immunoway.com>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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