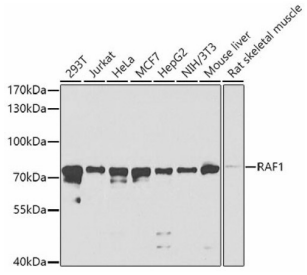
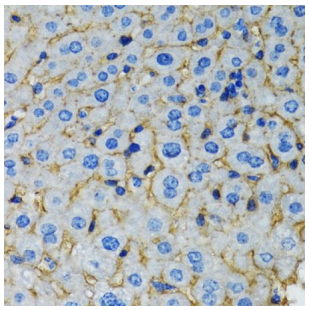
Raf Proto-Oncogene Serine/Threonine Protein Kinase (RAF1) Antibody

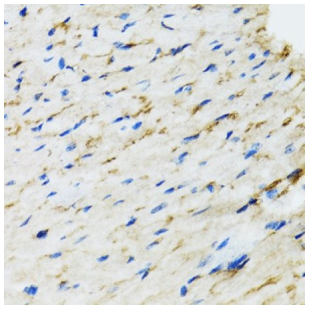
Catalogue No.:abx000608



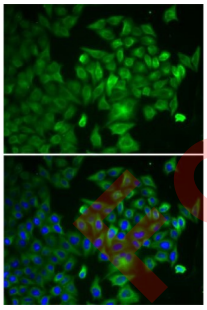
Western blot analysis of extracts of various cell lines using RAF1 Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded Rat liver using RAF1 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Rat heart using RAF1 Antibody (1/100 dilution, 40x lens).



Immunofluorescence analysis of U2OS cells using RAF1 Antibody

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RAF1 Antibody is a Rabbit Polyclonal antibody against RAF1. 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.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

Target:	Raf Proto-Oncogene Serine/Threonine Protein Kinase (RAF1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human RAF1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P04049 (UniProt, ExPASy)
Gene Symbol:	RAF1
GeneID:	5894
NCBI Accession:	NP_002871.1
KEGG:	hsa:5894
String:	9606.ENSP00000251849
Molecular Weight:	Calculated MW: 73 kDa/75 kDa Observed MW: 73 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml

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