

Rabbit Phospho-RAF1 (S338) Polyclonal Antibody | anti-RAF1 antibody

Phospho-RAF1 (S338) Antibody

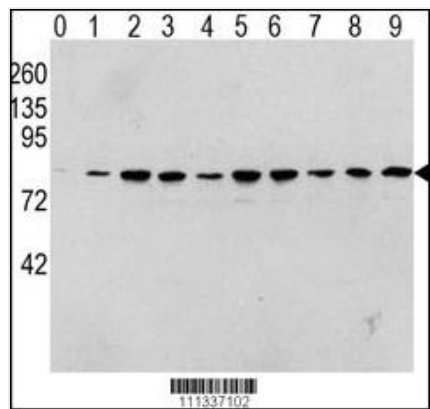
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284142	Rabbit	Human (Predicted Reactivity: Bovine, Chicken, Mouse, Rat)	Western Blot, ELISA, Dot Blot

PRODUCT SYNONYMS

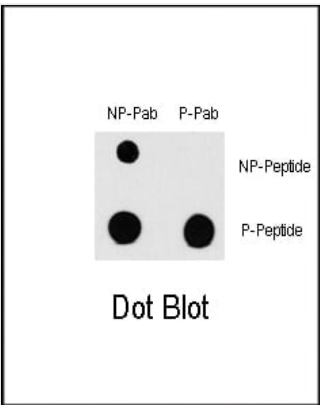
Phospho-RAF1 (S338); Polyclonal Antibody; Phospho-RAF1 (S338) Antibody; RAF proto-oncogene serine/threonine-protein kinase; Proto-oncogene c-RAF; cRaf; Raf-1; RAF1; RAF; anti-RAF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Chicken, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RAF1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S338 of human RAF1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.41 (varies by lot)
Sequence Length	648
Applicable Applications for anti-RAF1 antibody	WB (Western Blot), ELISA, DB (Dot Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of Phospho-RAF1-pS338 Antibody in human TPA activated Hela cell line lysates. Phospho-RAF1 (arrow) was detected using the purified PAb. (0: without TPA; 1: 60ug/ml TPA, 15min; 2: 60ug/ml TPA, 30min; 3: 60ug/ml TPA, 45min; 4: 125ug/ml TPA, 15min; 5: 125ug/ml TPA, 30min; 6: 125ug/ml TPA, 45min; 7: 250ug/ml TPA, 15min; 8: 250ug/ml TPA, 30min; 9: 250ug/ml, 45min)



DB (Dot Blot)
Dot blot analysis of anti-RAF1-pS338 Phospho-specific Pab on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml.

ADDITIONAL INFORMATION

Related Product Information for anti-RAF1 antibody	Raf-1 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 Raf-1 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.
Product Categories/Family for anti-RAF1 antibody	Cancer; Cell Biology; Metabolism; Signal Transduction; Phospho Antibodies
References	Pandit,B., Nat. Genet. 39 (8), 1007-1012 (2007) Razzaque,M.A., Nat. Genet. 39 (8), 1013-1017 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506401
NCBI GeneID	5894
NCBI Accession #	NP_002871.1
NCBI GenBank Nucleotide #	NM_002880.3
UniProt Accession #	P04049; Q15278; Q9UC20; B0LPH8; B2R5N3
Molecular Weight	73052
NCBI Official Full Name	RAF proto-oncogene serine/threonine-protein kinase
NCBI Official Synonym Full Names	Raf-1 proto-oncogene, serine/threonine kinase
NCBI Official Symbol	RAF1
NCBI Official Synonym Symbols	NS5; CRAF; Raf-1; c-Raf; CMD1NN
NCBI Protein Information	RAF proto-oncogene serine/threonine-protein kinase
UniProt Protein Name	RAF proto-oncogene serine/threonine-protein kinase
UniProt Gene Name	RAF1

UniProt Synonym Gene Names	RAF; cRaf
UniProt Entry Name	RAF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/phospho-raf1-s338-antibody-western-blot-dot-blot-elisa/284142>