

C-RAF Antibody | anti-C-RAF antibody

C-RAF (Phospho-Ser621) Antibody

CATALOG # AAA110420	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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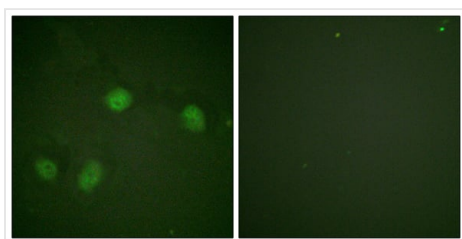
PRODUCT SYNONYMS

C-RAF; C-RAF (Phospho-Ser621) Antibody; C-Raf; CRAF; EC 2.7.11.1; Protein kinase raf 1; RAF proto-oncogene serine/threonine-protein kinase; RAF-1; RAF1; Raf proto-oncogene serine/threonine-protein kinase; Raf-1; Similar to murine leukemia viral (V-raf-1) oncogene homolog 1; kinase Raf1; anti-C-RAF antibody

PRODUCT SPECIFICATIONS

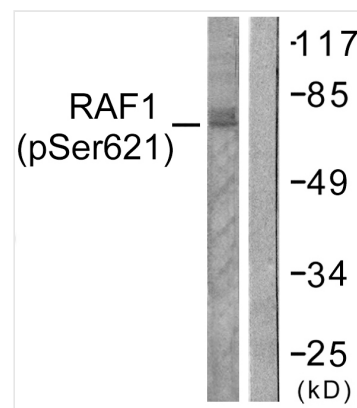
Reactivity	Human, Mouse, Rat
Specificity	Raf1 (Phospho-Ser621) antibody detects endogenous levels of RAF1 only when phosphorylated at serine 621.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	648
Applicable Applications for anti-C-RAF antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human RAF1 around the phosphorylation site of serine 621 (S-A-SP-E-P).
All Sites	Human: Ser621 Mouse: Ser621 Rat: Ser621
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



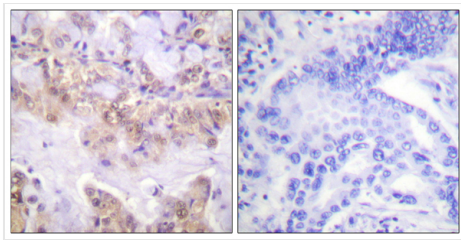
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of HeLa cells, using Raf1 (Phospho-Ser621) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using Raf1 (Phospho-Ser621) antibody. Western blot analysis of extracts from HeLa cells, treated with UV (5mins), using Raf1 (Phospho-Ser621) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-C-RAF antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	David R. Hodge, J. Biol. Chem., Jun 1998; 273: 15727. Michael A. Beazely, Mol. Pharmacol., Jan 2005; 67: 250-259. Deanna G. Adams, J. Biol. Chem., Dec 2005; 280: 42644-42654.

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	75,395 Da
NCBI Official Full Name	RAF proto-oncogene serine/threonine-protein kinase isoform b
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

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://stage.aaabiotech.com/human-mouse-rat-antibody/c-raf/110420>