

Rabbit cRaf Polyclonal Antibody | anti-cRaf antibody

cRaf antibody (Ser296)

CATALOG # AAA224477	HOST Rabbit	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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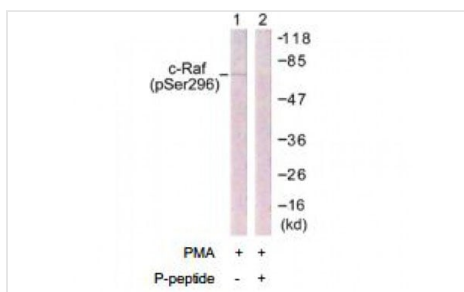
PRODUCT SYNONYMS

cRaf; Polyclonal Antibody; cRaf antibody (Ser296); Polyclonal cRaf; Anti-cRaf; c-Raf; NS5; Oncogene RAF1; Proto-oncogene c-RAF; RAF; raf proto-oncogene serine/threonine protein kinase; RAF proto-oncogene serine/threonine-protein kinase; Raf-1; RAF1; v-raf-1 murine leukemia viral oncogene homolog 1; anti-cRaf antibody

PRODUCT SPECIFICATIONS

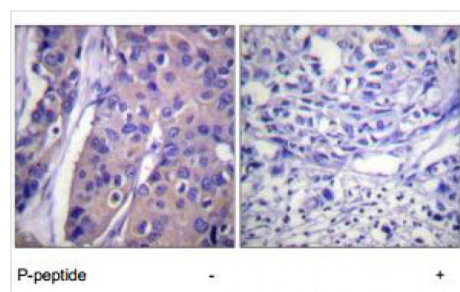
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	cRaf antibody detects endogenous levels of cRaf only when phosphorylated at serine 296
Form/Format	Supplied in PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	97
Applicable Applications for anti-cRaf antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Biological Significance	cRaf functions downstream of the Ras family of membrane associated GTPases to which it binds directly. Once activated Raf-1 can phosphorylate and activate MEK1/2, which in turn phosphorylate and activate ERK1/2.
Cross-Reactivity	Mouse, Rat. Specific detection of phosphorylated Human: Ser296, Mouse: Ser296, Rat: Ser296
Immunogen	cRaf antibody was raised in Rabbit using synthesized phosphopeptide derived from human cRaf around the phosphorylation site of serine 296 as the immunogen
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from 293 cells, treated with PMA (125ng/ml, 30mins), using c-Raf (Phospho-Ser296) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using c-Raf (Phospho-Ser296) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-cRaf antibody	Purified Rabbit polyclonal cRaf antibody (Ser296)
Product Categories/Family for anti-cRaf antibody	Proteases; Inhibitors; & Enzymes; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	18150196
NCBI GeneID	110157
Molecular Weight	75,151 Da
NCBI Official Full Name	cRAF, partial
NCBI Official Synonym Full Names	v-raf-leukemia viral oncogene 1
NCBI Official Symbol	Raf1
NCBI Official Synonym Symbols	Craf1; Raf-1; c-Raf; v-Raf; AA990557; BB129353; 6430402F14Rik; D830050J10Rik
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	Craf; cRaf
UniProt Entry Name	RAF1_MOUSE

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.