

Datasheet for ABIN7179978
anti-BRAF antibody (Ser446)

2 Images



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Overview

Quantity:	100 µL
Target:	BRAF
Binding Specificity:	Ser446
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRAF antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthesized non-phosphopeptide derived from Human B-RAF around the phosphorylation site of serine 446 (R-D-S(p)-S-D).
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	BRAF
Alternative Name:	BRAF (BRAF Products)

Target Details

Background:	Background: Protein kinase involved in the transduction of mitogenic signals from the cell membrane to the nucleus. May play a role in the postsynaptic responses of hippocampal neuron. Phosphorylates MAP2K1, and thereby contributes to the MAP kinase signal transduction pathway. Stephens R.M., Mol. Cell. Biol. 12:3733-3742(1992). Albert S., Submitted (JAN-2004) to the EMBL/GenBank/DDBJ databases. Hillier L.W., Nature 424:157-164(2003) Aliases: FLJ95109 antibody, 94 kDa B raf protein antibody, B raf 1 antibody, B raf antibody, B Raf proto oncogene serine threonine protein kinase antibody, B Raf proto oncogene, serine/threonine kinase antibody, B RAF1 antibody, B-Raf proto-oncogene serine/threonine-protein kinase (p94) antibody, BRAF 1 antibody, BRAF antibody, BRAF_HUMAN antibody, BRAF1 antibody, cRmil antibody, MGC126806 antibody, MGC138284 antibody, Murine sarcoma viral (v-raf) oncogene homolog B1 antibody, Murine sarcoma viral v raf oncogene homolog B1 antibody, NS7 antibody, Oncogen BRAF antibody, oncogene BRAF1 antibody, p94 antibody, Proto-oncogene B-Raf antibody, Proto-oncogene c-Rmil antibody, RAFB 1 antibody, RAFB1 antibody, RMIL antibody, Serine/threonine-protein kinase B-raf antibody, v raf murine sarcoma viral oncogene homolog B antibody, v raf murine sarcoma viral oncogene homolog B1 antibody, v-Raf murine sarcoma viral oncogene homolog B1 antibody
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UniProt:	P15056
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Pathways:	MAPK Signaling , RTK Signaling , Neurotrophin Signaling Pathway , Ribonucleoprotein Complex Subunit Organization , Hepatitis C , Autophagy
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Application Details

Application Notes:	WB:1:500-1:3000, IHC:1:50-1:100,
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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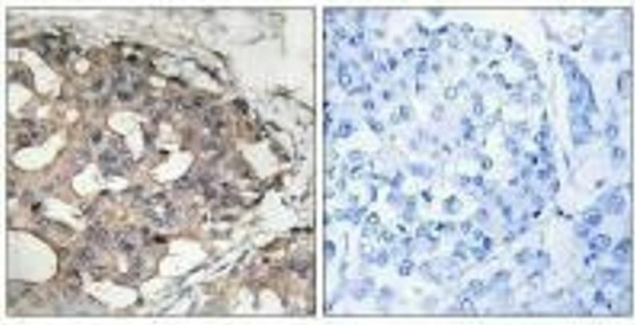
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
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Handling

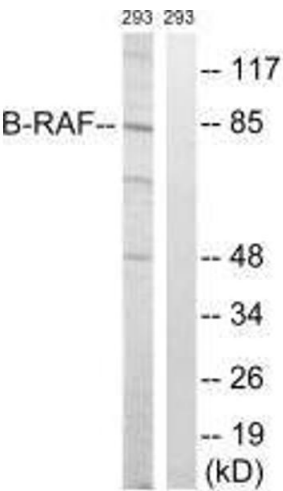
	should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using B-RAF (Ab-446) antibody.



Western Blotting

Image 2. Western blot analysis of extracts from 293 cells, treated with insulin (0.01U/mL, 15 mins), using B-RAF (Ab-446) antibody.