

anti-Human, Mouse B-RAF Antibody | anti-B-RAF antibody

B-RAF (Phospho-Ser446) Antibody

CATALOG # AAA110765	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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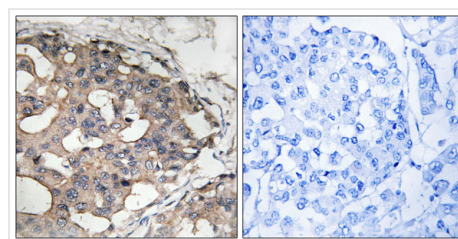
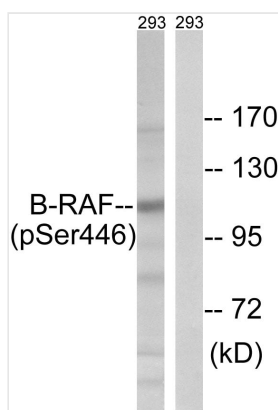
PRODUCT SYNONYMS

B-RAF; B-RAF (Phospho-Ser446) Antibody; B-RAF proto-oncogene serine/threonine-protein kinase; B-Raf proto-oncogene serine/threonine-protein kinase; BRAF; BRAF1; c-RMIL; EC 2.7.1.37; EC 2.7.11.1; kinase B-Raf; p94; RAFB1; RMIL; RMIL serine/threonine-protein kinase; v-Raf murine sarcoma viral oncogene homolog B1; anti-B-RAF antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	B-RAF (Phospho-Ser446) antibody detects endogenous levels of B-RAF only when phosphorylated at serine 446.
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	766
Applicable Applications for anti-B-RAF antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human B-RAF around the phosphorylation site of serine 446 (R-D-SP-S-D).
All Sites	Human: Ser446 Mouse: Ser483
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using B-RAF (Phospho-Ser446) antibody. Western blot analysis of extracts from 293 cells, treated with EGF (200ng/ml, 30mins), using B-RAF (Phospho-Ser446) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-B-RAF antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Stephens R.M., Mol. Cell. Biol. 12:3733-3742(1992). Albert S., Submitted (JAN-2004) to the EMBL/GenBank/DBJ databases. Hillier L.W., Nature 424:157-164(2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	33188459
NCBI GeneID	673
NCBI Accession #	NP_004324.2
NCBI GenBank Nucleotide #	NM_004333.5
UniProt Accession #	P15056; Q13878; Q3MIN6; Q9UDP8; Q9Y6T3; A4D1T4; B6HY61; B6HY62; B6HY63; B6HY64; B6HY65; B6HY66
Molecular Weight	84,437 Da
NCBI Official Full Name	serine/threonine-protein kinase B-raf isoform 1
NCBI Official Synonym Full Names	B-Raf proto-oncogene, serine/threonine kinase
NCBI Official Symbol	BRAF
NCBI Official Synonym Symbols	NS7; B-raf; BRAF1; RAFB1; B-RAF1
NCBI Protein Information	serine/threonine-protein kinase B-raf
UniProt Protein Name	Serine/threonine-protein kinase B-raf
UniProt Gene Name	BRAF
UniProt Synonym Gene Names	BRAF1; RAFB1

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/human-mouse-antibody/b-raf/110765>