

Rabbit anti-Human BRAF Polyclonal Antibody | anti-BRAF antibody

BRAF Antibody

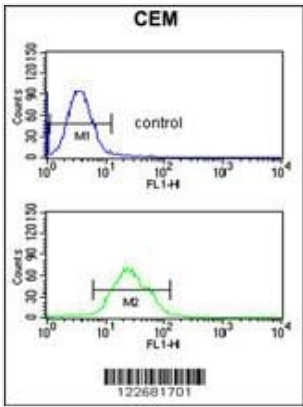
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287639	Rabbit	Human	Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

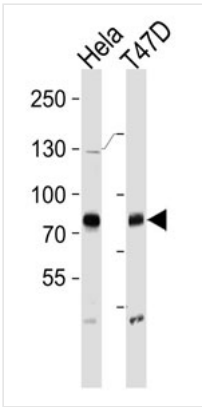
BRAF; Polyclonal Antibody; BRAF Antibody; Serine/threonine-protein kinase B-raf; Proto-oncogene B-Raf; p94; v-Raf murine sarcoma viral oncogene homolog B1; BRAF1; RAFB1; anti-BRAF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BRAF antibody is generated from rabbits immunized with BRAF recombinant protein.
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.
Sequence Length	766
Applicable Applications for anti-BRAF antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Function	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.
Cellular Location	Nucleus. Cytoplasm. Cell membrane. Note=Colocalizes with RGS14 and RAF1 in both the cytoplasm and membranes.
Tissue Location	Brain and testis.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
BRAF Antibody flow cytometric analysis of CEM cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
BRAF Antibody western blot analysis in HeLa,T47D cell line lysates (35ug/lane).This demonstrates the BRAF antibody detected the BRAF protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-BRAF antibody	BRAF, a member of the RAF subfamily of Ser/Thr protein kinases, is involved in the transduction of mitogenic signals from the cell membrane to the nucleus. It may play a role in the postsynaptic responses of hippocampal neurons. This cytoplasmic protein is expressed in brain and testis. Defects in BRAF are involved in a wide range of cancers including lung cancer and non-Hodgkin lymphoma (NHL). This protein contains 1 zinc-dependent phorbol-ester and DAG binding domain.
Product Categories/Family for anti-BRAF antibody	Crown Antibodies; Cancer; Cell Biology; Signal Transduction
References	Hingorani, S.R., et al., Cancer Res. 63(17):5198-5202 (2003). Lee, J.W., et al., Br. J. Cancer 89(10):1958-1960 (2003). Davies, H., et al., Nature 417(6892):949-954 (2002). Naoki, K., et al., Cancer Res. 62(23):7001-7003 (2002). Stephens, R.M., et al., Mol. Cell. Biol. 12(9):3733-3742 (1992).

NCBI AND UNIPROT INFORMATION

NCBI GI #	33188459
NCBI GeneID	673
NCBI Accession #	NP_004324.2
NCBI GenBank Nucleotide #	NM_004333.4
UniProt Accession #	P15056; Q13878; Q3MIN6; Q9UDP8; Q9Y6T3; A4D1T4; B6HY61; B6HY62; B6HY63; B6HY64; B6HY65; B6HY66
NCBI Official Full Name	serine/threonine-protein kinase B-raf
NCBI Official Synonym Full Names	B-Raf proto-oncogene, serine/threonine kinase
NCBI Official Symbol	BRAF
NCBI Official Synonym Symbols	NS7; 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/polyclonal/braf-antibody-western-blot-flow-cytometry-elisa/287639>