

Rabbit RAF1 Polyclonal Antibody | anti-BRAF antibody

RAF1 (BRAF) Antibody (T598)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290709	Rabbit	Human; Predicted Reactivity: Chicken, Mouse, Bovine, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RAF1; Polyclonal Antibody; RAF1 (BRAF) Antibody (T598); Serine/threonine-protein kinase B-raf; Proto-oncogene B-Raf; p94; v-Raf murine sarcoma viral oncogene homolog B1; BRAF; BRAF1; RAFB1; anti-BRAF antibody

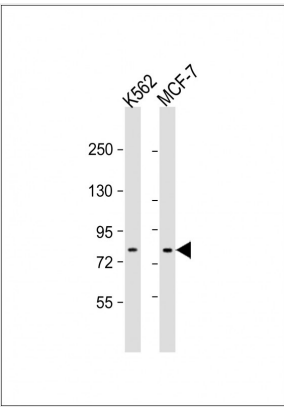
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human; Predicted Reactivity: Chicken, Mouse, Bovine, Rat
Clonality	Polyclonal
Isotype	Ig
Specificity	This RAF1 (BRAF) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 577-606 amino acids from human RAF1 (BRAF).
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	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Subtitle	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Cellular Location	Nucleus. Cytoplasm. Cell membrane. Note=Colocalizes with RGS14 and RAF1 in both the cytoplasm and membranes.
Tissue Location	Brain and testis.
Antigen Region	577-606 aa
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with BRAF Antibody (T598), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
All lanes : Anti-BRAFAntibody at 1:1000 dilutionLane 1: K562 whole cell lysateLane 2: MCF-7 whole cell lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 84 kDaBlocking/Dilution buffer: 5% NFDN/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-BRAF antibody	Description: 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. 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.
Product Categories/Family for anti-BRAF antibody	Primary 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
Molecular Weight	84437 Da
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
UniProt Entry Name	BRAF_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/raf1-antibody-immunohistochemistry-western-blot-elisa/290709>