

Mouse BRAF Monoclonal Antibody | anti-BRAF antibody

BRAF antibody

CATALOG # AAA74861	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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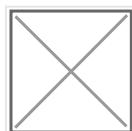
PRODUCT SYNONYMS

BRAF; Monoclonal Antibody; BRAF antibody; Monoclonal BRAF; Anti-BRAF; V-raf murine sarcoma viral oncogene homolog B1; BRAF1; Proto-oncogene B-Raf; RAFB1; p94; NS7; B-RAF1; B RAF1; anti-BRAF antibody

PRODUCT SPECIFICATIONS

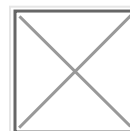
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3A7
Purity/Purification	BRAF antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	263
Applicable Applications for anti-BRAF antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	BRAF is a protein belonging to the raf/mil family of serine/threonine protein kinases. This protein plays a role in regulating the MAP kinase/ERKs signaling pathway, which affects cell division, differentiation, and secretion. Mutations in this gene are associated with cardiofaciocutaneous syndrome, a disease characterized by heart defects, mental retardation and a distinctive facial appearance. Mutations in this gene have also been associated with various cancers, including non-Hodgkin lymphoma, colorectal cancer, malignant melanoma, thyroid carcinoma, non-small cell lungcarcinoma, and adenocarcinoma of lung.
Cross-Reactivity	Human, Dog, Rat, Monkey
Immunogen	BRAF antibody was raised in mouse using a protein expressed in 293T cell transfected with human BRAF expression vector as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of BRAF protein in paraffin embedded Human colon tissue using BRAF antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant BRAF protein (Right) or empty vector (Left) detected with BRAF antibody

ADDITIONAL INFORMATION

Related Product Information for anti-BRAF antibody	Mouse monoclonal BRAF antibody
Product Categories/Family for anti-BRAF antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	224371729
NCBI GeneID	7503520
NCBI Accession #	YP_002605893.1
NCBI GenBank Nucleotide #	NC_012108.1
Molecular Weight	28,446 Da
NCBI Official Full Name	BraF
UniProt Protein Name	BraF
UniProt Gene Name	braF
UniProt Entry Name	C0QH70_DESAH

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://stage.aaabiotech.com/monoclonal/braf-antibody-clone-3a7-western-blot-immunohistochemistry-elisa/74861>