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

BRAF Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305168	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

BRAF; Polyclonal Antibody; BRAF Antibody; V-raf murine sarcoma viral oncogene homolog B1; NS7; BRAF1; RAFB1; B-RAF1; anti-BRAF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total BRAF protein.
Form/Format	Supplied at 2.1mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	766
Applicable Applications for anti-BRAF antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 591-607 amino acids of Human v-raf murine sarcoma viral oncogene homolog B1
Target Name	BRAF
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohiostchemistry)
The image on the left is immunohistochemistry of paraffin-embedded human tonsil tissue using 31224 (BRAF Antibody) at dilution 1/60, on the right is treated with the synthetic peptide.



Application Data
Gel: 8%SDS-PAGELane1: Hela cell lysateLane2: HT-29 cell lysateLysates: 50 ug per lanePrimary antibody: 1/1400 dilutionSecondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilutionExposure time: 5 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-BRAF antibody	This gene encodes 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 lung carcinoma, and adenocarcinoma of lung. A pseudogene, which is located on chromosome X, has been identified for this gene.

Product Categories/Family for anti-BRAF antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	33188459
NCBI GeneID	673
NCBI Accession #	NP_004324
NCBI GenBank Nucleotide #	NM_004333.4
Molecular Weight	84kD
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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/braf-antibody-immunohistochemistry-western-blot-elisa/305168