

Rabbit anti-Human A-RAF Polyclonal Antibody | anti-ARAF antibody

A-RAF Antibody (ARAF1) (Center)

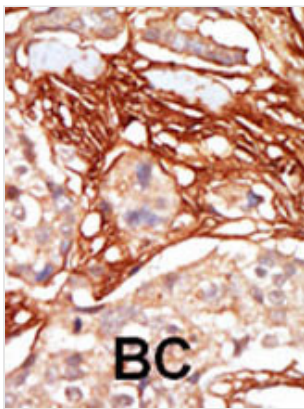
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285575	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

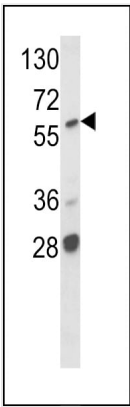
A-RAF; Polyclonal Antibody; A-RAF Antibody (ARAF1) (Center); Serine/threonine-protein kinase A-Raf; Proto-oncogene A-Raf; Proto-oncogene A-Raf-1; Proto-oncogene Pks; ARAF; ARAF1; PKS; PKS2; anti-ARAF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This A-RAF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 256-286 amino acids from the Central region of human A-RAF.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	256-286
Sequence Length	186
Applicable Applications for anti-ARAF antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of hARAF1-H270 in MCF7 cell line lysates (35ug/lane). ARAF1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ARAF antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The STE group (homologs of yeast Sterile 7, 11, 20 kinases) consists of 50 kinases related to the mitogen-activated protein kinase (MAPK) cascade families (Ste7/MAP2K, Ste11/MAP3K, and Ste20/MAP4K). MAP kinase cascades, consisting of a MAPK and one or more upstream regulatory kinases (MAPKKs) have been best characterized in the yeast pheromone response pathway. Pheromones bind to Ste cell surface receptors and activate yeast MAPK pathway.
Product Categories/Family for anti-ARAF antibody	Cancer; Neuroscience; Signal transduction
References	Wu, X., et al., J. Biol. Chem. 271(6):3265-3271 (1996). Lee, J.E., et al., Genomics 20(1):43-55 (1994). Popescu, N.C., et al., Oncogene 4(4):517-519 (1989). Beck, T.W., et al., Nucleic Acids Res. 15(2):595-609 (1987). Yin, X.L., et al., Mol. Cell. Biochem. 231 (1-2), 69-74 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	371875793
NCBI GeneID	369
NCBI Accession #	NP_001243125.1; NP_001243126.1; NP_001645.1
NCBI GenBank Nucleotide #	NM_001256196.1
UniProt Accession #	P10398; P07557; Q5H9B2; Q5H9B3
Molecular Weight	67585
NCBI Official Full Name	serine/threonine-protein kinase A-Raf isoform 2
NCBI Official Synonym Full Names	A-Raf proto-oncogene, serine/threonine kinase
NCBI Official Symbol	ARAF

NCBI Official Synonym Symbols	PKS2; A-RAF; ARAF1; RAFA1
NCBI Protein Information	serine/threonine-protein kinase A-Raf
UniProt Protein Name	Serine/threonine-protein kinase A-Raf
UniProt Gene Name	ARAF
UniProt Synonym Gene Names	ARAF1; PKS; PKS2
UniProt Entry Name	ARAF_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/a-raf-antibody-immunohistochemistry-western-blot-elisa/285575>