

Product Name: KD-Validated ARAF Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01733**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 67.6kDa

Antigen Information

Gene Name	ARAF ARAF; A-Raf Proto-Oncogene, Serine/Threonine Kinase; ARAF1; V-Raf Murine Sarcoma 3611 Viral Oncogene Homolog 1; Serine/Threonine-Protein Kinase A-Raf; Proto-Oncogene A-Raf-
Alternative Names	1; Proto-Oncogene Pks; EC 2.7.11.1; A-Raf; PKS2; V-Raf Murine Sarcoma 3611 Viral Oncogene-Like Protein; A-Raf Proto-Oncogene Serine/Threonine-Protein Kinase; Ras-Binding Protein DA-Raf; Proto-Oncogene A-Raf; Oncogene ARAF1; EC 2.7.11; RAFA1; PKS
Gene ID	369.0
SwissProt ID	P10398
Immunogen	A synthesized peptide derived from human A-RAF

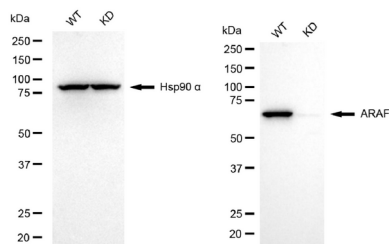
Background

Enables protein serine/threonine kinase activity. Involved in negative regulation of apoptotic process; regulation of TOR signaling; and regulation of protein metabolic process. Predicted to be active in cytosol and mitochondrion. Biomarker of high grade glioma. [provided by Alliance of Genome Resources, Jul 2025]

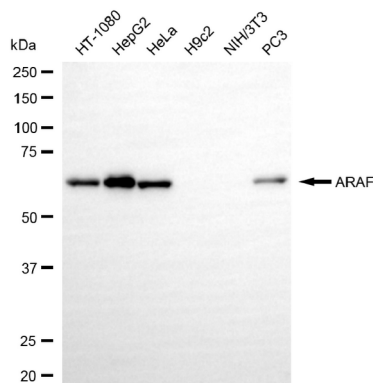
Research Area

Neuroscience, Signal Transduction, Epigenetics and Nuclear Signaling, Cancer

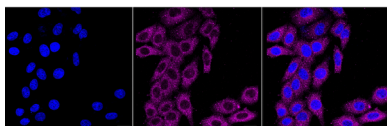
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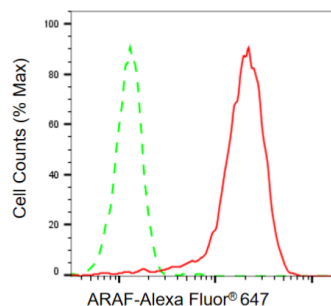
Western blotting analysis using ARAF antibody (KVA01733). ARAF expression in wild type (WT) and ARAF knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with ARAF antibody (KVA01733, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using ARAF antibody (KVA01733). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with ARAF antibody (KVA01733, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with ARAF antibody (KVA01733, 1:1,000). Nuclei were stained blue with DAPI; ARAF was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: Medium. Scale bar, 20 µm.



Flow cytometric analysis of ARAF expression in HepG2 cells using ARAF antibody (KVA01733, 1:2,000). Green, isotype control; red, ARAF.