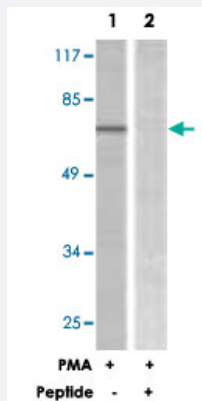


ARAF polyclonal antibody

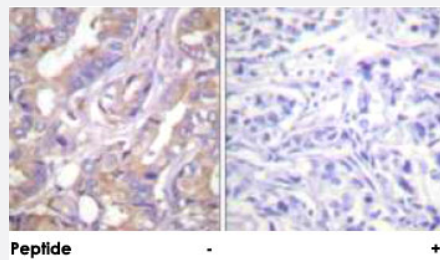
Catalog # PAB18267 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from HeLa cells, treated with PMA (125 ng/mL, 30 mins), using ARAF polyclonal antibody (Cat # PAB18267). Peptide "+" means "peptide blocking".



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ARAF polyclonal antibody (Cat # PAB18267). Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ARAF.
Immunogen	A synthetic peptide corresponding to residues surrounding Y301/Y302 of human ARAF.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody is specific to ARAF.
Form	Liquid

Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) ELISA (1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from HeLa cells, treated with PMA (125 ng/mL, 30 mins), using ARAF polyclonal antibody (Cat # PAB18267).

Peptide "+" means "peptide blocking".

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ARAF polyclonal antibody (Cat # PAB18267).

Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ARAF

Entrez GeneID	369
Protein Accession#	P10398
Gene Name	ARAF
Gene Alias	A-RAF, ARAF1, PKS2, RAFA1
Gene Description	v-raf murine sarcoma 3611 viral oncogene homolog
Omim ID	311010

Gene Ontology

[Hyperlink](#)

Other Designations

OTTHUMP00000023212|Oncogene ARAF1|Ras-binding protein DA-Raf|v-raf murine sarcoma 3611 viral oncogene homolog 1

Publication Reference

- [Brain-derived neurotrophic factor-, epidermal growth factor-, or A-Raf-induced growth of HaCaT keratinocytes requires extracellular signal-regulated kinase.](#)

Rossler OG, Thiel G.

American Journal of Physiology - Cell Physiology 2004 May; 286(5):C1118.

- [Trihydrophobin 1 is a new negative regulator of A-Raf kinase.](#)

Liu W, Shen X, Yang Y, Yin X, Xie J, Yan J, Jiang J, Liu W, Wang H, Sun M, Zheng Y, Gu J.

The Journal of Biological Chemistry 2004 Mar; 279(11):10167.

Application: WB-Tr, Human, Monkey, COS-1, HEK 293 cells

Pathway

- [Acute myeloid leukemia](#)
- [Bladder cancer](#)
- [Chronic myeloid leukemia](#)
- [Colorectal cancer](#)
- [Endometrial cancer](#)
- [ErbB signaling pathway](#)
- [Glioma](#)
- [Insulin signaling pathway](#)
- [Long-term depression](#)
- [Long-term potentiation](#)
- [Melanoma](#)
- [Natural killer cell mediated cytotoxicity](#)

- [Non-small cell lung cancer](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Regulation of actin cytoskeleton](#)
- [Renal cell carcinoma](#)
- [Vascular smooth muscle contraction](#)