

For Research Use Only

ARAF Polyclonal antibody

Catalog Number: 22129-1-AP

5 Publications



Basic Information

Catalog Number:

22129-1-AP

Size:

150ul, Concentration: 300 µg/ml by Nanodrop and 213 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17588

GenBank Accession Number:

BC007514

GeneID (NCBI):

369

UNIPROT ID:

P10398

Full Name:

v-ras murine sarcoma 3611 viral oncogene homolog

Calculated MW:

609 aa, 68 kDa

Observed MW:

33 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, A431 cells, NIH/3T3 cells

IHC : human skin cancer tissue,

Background Information

ARAF(Serine/threonine-protein kinase A-Raf) is also named as ARAF1, PKS, PKS2 and belongs to the protein kinase superfamily. It is involved in the transduction of mitogenic signals from the cell membrane to the nucleus. It has 2 isoforms produced by alternative splicing and the isoform 2 serves as a positive regulator of myogenic differentiation by inducing cell cycle arrest, the expression of myogenin and other muscle-specific proteins, and myotube formation.(PMID:17535970).

Notable Publications

Author	Pubmed ID	Journal	Application
Ying Xu	27703525	Oncol Lett	WB,IF
Feifei Zhang	34017080	Oncogene	IHC
Hongwei Chu	34932315	Anal Chem	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

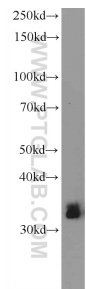
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

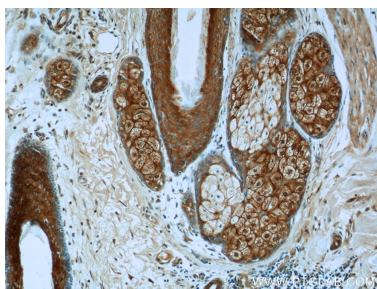
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

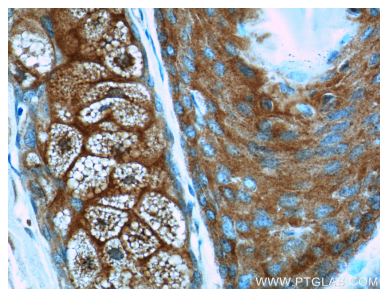
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 22129-1-AP (ARAF Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 22129-1-AP (ARAF Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 22129-1-AP (ARAF Antibody) at dilution of 1:50 (under 40x lens).