

For Research Use Only

ARAF Polyclonal antibody

Catalog Number: 22129-1-AP **3 Publications**



Basic Information

Catalog Number: 22129-1-AP	GenBank Accession Number: BC007514	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 213 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 369	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: v-raf murine sarcoma 3611 viral oncogene homolog	
Isotype: IgG	Calculated MW: 609 aa, 68 kDa	
Immunogen Catalog Number: AG17588	Observed MW: 33 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HeLa cells, A431 cells, NIH/3T3 cells
Cited Applications: CoIP, IF, IHC, WB	IHC : human skin cancer tissue,
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

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,CoIP

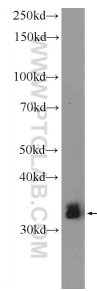
Storage

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

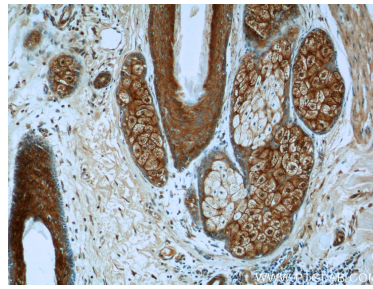
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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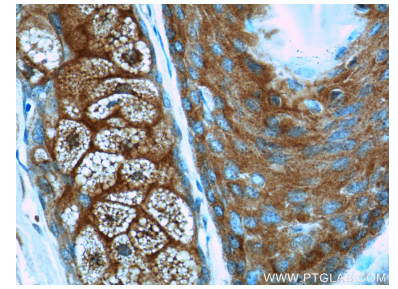
Selected Validation Data



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).