

For Research Use Only

# RAF1 Polyclonal antibody

Catalog Number: 26863-1-AP

15 Publications



## Basic Information

### Catalog Number:

26863-1-AP

### Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 667 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG25423

### GenBank Accession Number:

BC018119

### GeneID (NCBI):

5894

### UNIPROT ID:

P04049

### Full Name:

v-raf-1 murine leukemia viral oncogene homolog 1

### Calculated MW:

648 aa, 73 kDa

### Observed MW:

70-75 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:600-1:2400

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human

### Cited Species:

human, mouse

### Positive Controls:

WB : DU 145 cells,

IHC : human colon cancer tissue,

**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

Raf-1 proto-oncogene, serine/threonine kinase(RAF1), is a MAP kinase kinase kinase (MAP3K), which functions downstream of the Ras family of membrane associated GTPases to which it binds directly. RAF1 has two isoforms with MW of 73, 75 kDa. RAF1 plays an important role in the control of gene expression involved in the cell division cycle, apoptosis, cell differentiation and cell migration.

## Notable Publications

Author	Pubmed ID	Journal	Application
Dali Zhao	34555268	FEBS Open Bio	WB
Feifei Zhang	34017080	Oncogene	WB
Yiwen Hou	39714096	J Toxicol Environ Health A	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

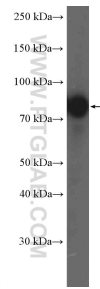
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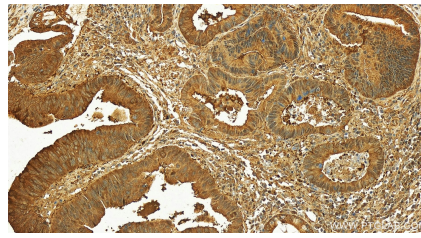
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## Selected Validation Data



DU 145 cells were subjected to SDS PAGE followed by western blot with 26863-1-AP (RAF1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 26863-1-AP (RAF1 antibody) at dilution of 1:1200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).