

For Research Use Only

DOK1 Polyclonal antibody

Catalog Number: 17822-1-AP

1 Publications



Basic Information

Catalog Number: 17822-1-AP	GenBank Accession Number: BC111055	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 ug/ml by Nanodrop;	GeneID (NCBI): 1796	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q99704	
Isotype: IgG	Full Name: docking protein 1, 62kDa (downstream of tyrosine kinase 1)	
Immunogen Catalog Number: AG12189	Calculated MW: 48 aa, 52 kDa	
	Observed MW: 62 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: WB	WB : K-562 cells,
Species Specificity: human	IHC : human ovary cancer tissue,
Cited Species: human	
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

The downstream of tyrosine kinase 1 gene (DOK1) has emerged as a newly identified tumor suppressor gene that encodes a multi-domain adapter protein and acts as a negative regulator of signaling pathways involved in several cellular functions. DOK1 inhibits cell proliferation, down regulates MAP kinase activity, and has an opposing role in leukemogenesis and promotes cell spreading, motility, and apoptosis. (PMID: 24809689)

Notable Publications

Author	Pubmed ID	Journal	Application
Wei Xie	39513119	J Cancer	WB

Storage

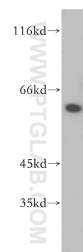
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

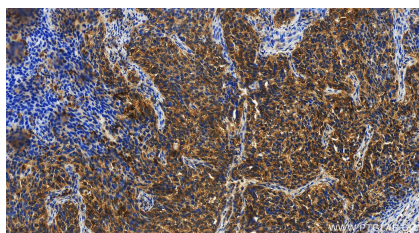
For technical support and original validation data for this product please contact:
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Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 17822-1-AP (DOK1 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 17822-1-AP (DOK1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).