

For Research Use Only

DOK3 Polyclonal antibody

Catalog Number: 15749-1-AP **1 Publications**



Basic Information

Catalog Number: 15749-1-AP	GenBank Accession Number: BC004564	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 79930	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	Full Name: docking protein 3	
Isotype: IgG	Calculated MW: 496aa,53 kDa; 330aa,36 kDa	
Immunogen Catalog Number: AG8221	Observed MW: 53 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells, Ramos cells
Cited Applications: IHC	
Species Specificity: human, mouse, rat	
Cited Species: human	

Background Information

The adaptor proteins downstream of kinase 1 (DOK1) to DOK3 are mainly found in immune cells, and they are closely related, with some functional redundancy, although each DOK protein has distinct properties and functions. DOK1 to DOK3 inhibit LPS responses. DOK proteins have an N-terminal pleckstrin homology (PH) domain, a phosphotyrosine-binding (PTB) domain, and four tyrosine-containing motifs that can bind to Src homology 2 (SH2) domains when phosphorylated. DOK3 was also shown to have an inhibitory role as it restricts Ca²⁺ and JNK activation in B cell receptor signaling. The MW of this protein is 53 kDa, and this antibody specially recognises the 53 kDa protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiu Liu	32193105	Int Immunopharmacol	IHC

Storage

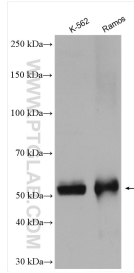
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



Various lysates were subjected to SDS PAGE followed by western blot with 15749-1-AP (DOK3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.