

For Research Use Only

DOK5 Polyclonal antibody

Catalog Number: 11948-1-AP



Basic Information

Catalog Number: 11948-1-AP	GenBank Accession Number: BC008992	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55816	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: docking protein 5	
Isotype: IgG	Calculated MW: 306 aa, 35 kDa	
Immunogen Catalog Number: AG2615	Observed MW: 35 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse liver tissue,
Species Specificity: human, mouse, rat	

Background Information

DOK5 belongs to the docking family of proteins that contain tandem pleckstrin homology-phosphotyrosine binding (PH-PTB) domains at their amino termini (PMID: 19909370). DOK proteins are also known as INS receptor substrates (IRS) and serve as substrates for INS and INS-like growth factor (PMID: 12730241) as well as various protein tyrosine kinases (PMID: 16647839). DOK5 functions as a specific signal transduction molecule and plays an important role in cellular differentiation. DOK5 is upregulated in systemic Sclerosis and Associated with IGFBP-5-Induced fibrosis (PMID: 24551065).

Storage

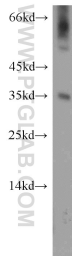
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

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Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 11948-1-AP (DOK5 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.