

For Research Use Only

DOK5 Polyclonal antibody

Catalog Number: 11948-1-AP



Basic Information

Catalog Number:

11948-1-AP

Size:

150ul , Concentration: 450 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2615

GenBank Accession Number:

BC008992

GeneID (NCBI):

55816

UNIPROT ID:

Q9P104

Full Name:

docking protein 5

Calculated MW:

306 aa, 35 kDa

Observed MW:

35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse liver tissue,

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 IGF1P-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

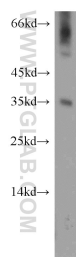
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.