

# DOK5 Polyclonal antibody

Catalog Number: 11948-1-AP

## Basic Information

**Catalog Number:**

11948-1-AP

**Size:**

450 µg/ml

**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

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

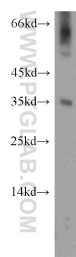
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## Selected Validation Data



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.