

For Research Use Only

# DOK5 Polyclonal antibody

Catalog Number: 11948-1-AP



## Basic Information

<b>Catalog Number:</b> 11948-1-AP	<b>GenBank Accession Number:</b> BC008992	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 450 µg/ml	<b>GeneID (NCBI):</b> 55816	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9P104	
<b>Isotype:</b> IgG	<b>Full Name:</b> docking protein 5	
<b>Immunogen Catalog Number:</b> AG2615	<b>Calculated MW:</b> 306 aa, 35 kDa	
	<b>Observed MW:</b> 35 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse liver tissue,
<b>Species Specificity:</b> 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 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:

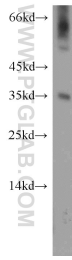
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## Selected Validation Data



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.