

## **Dok-4 Polyclonal Antibody**

**Catalog # AP69581** 

## **Specification**

### **Dok-4 Polyclonal Antibody - Product Information**

Application WB, IHC-P, IF
Primary Accession
Reactivity Human, Mouse
Host Rabbit
Clonality Polyclonal

# **Dok-4 Polyclonal Antibody - Additional Information**

#### **Gene ID 55715**

#### **Other Names**

DOK4; Docking protein 4; Downstream of tyrosine kinase 4; Insulin receptor substrate 5; IRS-5; IRS5

#### **Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200

#### **Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

#### **Storage Conditions**

-20°C

## **Dok-4 Polyclonal Antibody - Protein Information**

#### Name DOK4

# **Function**

DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK4 functions in RET-mediated neurite outgrowth and plays a positive role in activation of the MAP kinase pathway (By similarity). Putative link with downstream effectors of RET in neuronal differentiation. May be involved in the regulation of the immune response induced by T-cells.

#### **Tissue Location**

Widely expressed. High expression in skeletal muscle, heart, kidney and liver. Weaker expression in spleen, lung and small intestine, brain, heart and. Expressed in both resting and activated peripheral blood T-cells.

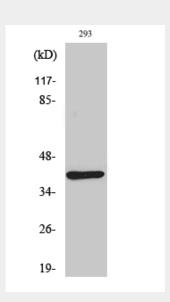


# **Dok-4 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# **Dok-4 Polyclonal Antibody - Images**



Western Blot analysis of various cells using Dok-4 Polyclonal Antibody

#### Dok-4 Polyclonal Antibody - Background

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