

**DOK1 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP53342****Specification**

---

**DOK1 Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">Q99704</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 52 KDa                 |
| Antigen Region    | 333-382                |

**DOK1 Antibody - Additional Information****Gene ID** 1796**Dilution**

WB~~ 1:1000

**Format**

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol

**Storage**

Store at -20 °C.Stable for 12 months from date of receipt

**DOK1 Antibody - Protein Information****Name** DOK1**Function**

DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK1 appears to be a negative regulator of the insulin signaling pathway. Modulates integrin activation by competing with talin for the same binding site on ITGB3.

**Cellular Location**

[Isoform 1]: Cytoplasm. Nucleus.

**Tissue Location**

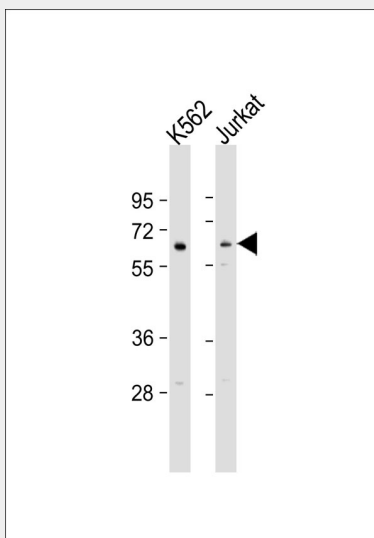
Expressed in pancreas, heart, leukocyte and spleen. Expressed in both resting and activated peripheral blood T-cells Expressed in breast cancer.

**DOK1 Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **DOK1 Antibody - Images**



All lanes : Anti-DOK1 Antibody at 1:1000 dilution Lane 1: K562 whole cell lysate Lane 2: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 52 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

### **DOK1 Antibody - Background**

DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK1 appears to be a negative regulator of the insulin signaling pathway. Modulates integrin activation by competing with talin for the same binding site on ITGB3.

### **DOK1 Antibody - References**

Carpino N., et al. Cell 88:197-204(1997).  
Hubert P., et al. Eur. J. Immunogenet. 27:145-148(2000).  
Yu W., et al. Submitted (NOV-1997) to the EMBL/GenBank/DDBJ databases.  
Hillier L.W., et al. Nature 434:724-731(2005).  
Wick M.J., et al. J. Biol. Chem. 276:42843-42850(2001).