

## DOK5 Polyclonal Antibody

**Catalog No.** E-AB-64809

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

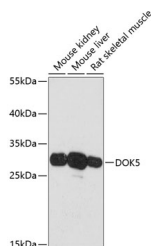
### Description

<b>Reactivity</b>	Mouse,Rat
<b>Immunogen</b>	Recombinant fusion protein of human DOK5 (NP_060901.2).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### Applications Recommended Dilution

**WB** 1:500-1:2000

### Data



Western blot analysis of extracts of various cell lines using DOK5 Polyclonal Antibody at dilution of 1:3000.

**Observed Mw:30kDa**  
**Calculated Mw:22kDa/35kDa**

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

The protein encoded by this gene is a member of the DOK family of membrane proteins, which are adapter proteins involved in signal transduction. The encoded protein interacts with phosphorylated receptor tyrosine kinases to mediate neurite outgrowth and activation of the MAP kinase pathway. Unlike other DOK family proteins, this protein does not interact with RASGAP. This protein is up-regulated in patients with systemic sclerosis and is associated with fibrosis induced by insulin-like growth factor binding protein 5. Alternative splicing of this gene results in multiple transcript variants.

### For Research Use Only