

## p56 Dok-2 (Phospho Tyr351) Rabbit pAb

CatalogNo: YP1425

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 48kD (Observed)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:1000-2000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized phospho peptide around human p56Dok-2 (Tyr351)

**Specificity** This antibody detects endogenous levels of Human p56Dok-2 (phospho-Tyr351)

### Target Information

**Gene name** DOK2

**Protein Name** p56Dok-2 (Tyr351)

Organism	Gene ID	UniProt ID
Human	<a href="#">9046;</a>	<a href="#">O60496;</a>
Mouse	<a href="#">13449;</a>	<a href="#">O70469;</a>

**Cellular Localization** cytosol,

**Tissue specificity** Highly expressed in peripheral blood leukocytes, lymph nodes and spleen. Lower expression in thymus, bone marrow and fetal liver.

**Function** Domain:PTB domain mediates receptor interaction.,Function:DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK2 may modulate the cellular proliferation induced by IL-4, as well as IL-2 and IL-3. May be involved in modulating Bcr-Abl signaling. Attenuates EGF-stimulated MAP kinase activation.,PTM:On immunoreceptor stimulation, phosphorylated on C-terminal tyrosine residues. Phosphorylation on Tyr-345 is required for binding to the SH2 domain of NCK. Phosphorylation on both Tyr-271 and Tyr-299 is required for interaction with RASGAP.,similarity:Belongs to the DOK family. Type A subfamily.,similarity:Contains 1 IRS-type PTB domain.,similarity:Contains 1 PH domain.,subunit:Interacts with phosphorylated RASGAP and EGFR. Interacts with RET and NCK.,tissue specificity:Highly expressed in peripheral blood leukocytes, lymph nodes and spleen. Lower expression in thymus, bone marrow and fetal liver.,

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## | Validation Data

## | Contact information

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
Support: [tech@immunoway.com](mailto:tech@immunoway.com)  
Telephone: 877-594-3616 (Toll Free), 408-747-0185  
Website: <http://www.immunoway.com>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**p56 Dok-2 (Phospho Tyr351) Rabbit pAb**

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