

## 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.,

## Validation Data

## Contact information

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

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