

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	9046;	O60496;
Mouse	13449;	O70469;

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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