

## Phospho PKC $\theta$ (Tyr90) Rabbit pAb

CatalogNo: YP1591

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC

#### MW

- 78kD (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 1:500-2000**

**IHC 1:50-300**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human Phospho PKC  $\theta$  (Y90)

**Specificity** This antibody detects endogenous levels of Human, Mouse, Rat Phospho PKC  $\theta$  (Y90). The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): ELYSL

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## | Target Information

**Gene name** PRKCQ PRKCT

**Protein Name** Phospho PKC  $\theta$  (Y90)

Organism	Gene ID	UniProt ID
Human	<a href="#">5588</a> ;	<a href="#">Q04759</a> ;
Mouse	<a href="#">18761</a> ;	<a href="#">Q02111</a> ;
Rat		<a href="#">Q9WTQ0</a> ;

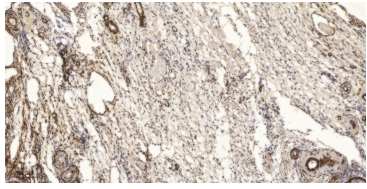
**Cellular Localization** Cytoplasm. Cell membrane; Peripheral membrane protein. In resting T-cells, mostly localized in cytoplasm. In response to TCR stimulation, associates with lipid rafts and then localizes in the immunological synapse.

**Tissue specificity** Expressed in skeletal muscle, T-cells, megakaryoblastic cells and platelets.

## Function

regulation of cell growth, response to hypoxia, regulation of cytokine production, positive regulation of immune system process, regulation of leukocyte activation, positive regulation of leukocyte activation, protein amino acid phosphorylation, proteolysis, membrane protein ectodomain proteolysis, phosphorus metabolic process, phosphate metabolic process, intracellular signaling cascade, regulation of mitotic cell cycle, aging, positive regulation of cell proliferation, macromolecule catabolic process, response to temperature stimulus, response to heat, response to wounding, response to abiotic stimulus, response to endogenous stimulus, response to hormone stimulus, response to carbohydrate stimulus, response to hexose stimulus, response to glucose stimulus, positive regulation of biosynthetic process, response to organic substance, regulation of G2/M transition of mitotic cell cycle, positive regulation of macromolecule biosynthetic process, regulation of cell cycle process, positive regulation of macromolecule metabolic process, positive regulation of organelle organization, response to organic cyclic substance, phosphorylation, regulation of vasoconstriction, protein catabolic process, neuron differentiation, regeneration, positive regulation of cellular biosynthetic process, regulation of cell projection organization, positive regulation of cell projection organization, regulation of actin filament bundle formation, positive regulation of actin filament bundle formation, regulation of intracellular transport, positive regulation of intracellular transport, regulation of interleukin-2 production, response to insulin stimulus, regulation of protein localization, regulation of mononuclear cell proliferation, positive regulation of mononuclear cell proliferation, regulation of actin cytoskeleton organization, regulation of actin filament-based process, regulation of organelle organization, regulation of intracellular protein transport, membrane protein proteolysis, response to monosaccharide stimulus, growth, regulation of growth, regulation of cytokine biosynthetic process, wound healing, positive regulation of T cell proliferation, positive regulation of cytokine biosynthetic process, regulation of cell proliferation, regulation of T cell proliferation, tissue regeneration, regulation of protein import into nucleus, positive regulation of protein import into nucleus, regulation of NF-kappaB import into nucleus, positive regulation of NF-kappaB import into nucleus, regulation of transcription factor import into nucleus, positive regulation of transcription factor import into nucleus, positive regulation of DNA binding, response to peptide hormone stimulus, regulation of system process, regulation of cellular component biogenesis, positive regulation of molecular function, cellular protein catabolic process, cellular macromolecule catabolic process, regulation of interleukin-2 biosynthetic process, positive regulation of interleukin-2 biosynthetic process, regulation of transcription, respiratory burst, regulation of nucleocytoplasmic transport, positive regulation of nucleocytoplasmic transport, developmental growth, regulation of lymphocyte proliferation, positive regulation of lymphocyte proliferation, regulation of protein secretion, positive regulation of protein secretion, regulation of T cell activation, regulation of cell activation, positive regulation of cell activation, positive regulation of T cell activation, regulation of secretion, positive regulation of secretion, positive regulation of transport, regulation of transcription factor activity, positive regulation of transcription factor activity, positive regulation of NF-kappaB transcription factor activity, regulation of binding, positive regulation of binding, regulation of DNA binding, positive regulation of cellular component organization, positive regulation of protein transport, regulation of protein transport, regulation of lymphocyte activation, positive regulation of lymphocyte activation, regulation of filopodium assembly, positive regulation of filopodium assembly, regulation of stress fiber formation, regulation of cytoskeleton organization, positive regulation of cytoskeleton organization, positive regulation of stress fiber formation, proteolysis involved in cellular protein catabolic process, regulation of cell cycle, regulation of cellular localization, regulation of cell projection assembly, regulation of establishment of protein localization, response to oxygen levels, regulation of leukocyte proliferation, positive regulation of leukocyte proliferation,

## | Validation Data



Immunohistochemical analysis of paraffin-embedded human oophoroma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

## | Contact information

Orders: [order.cn@immunoway.com](mailto:order.cn@immunoway.com)  
Support: [support.cn@immunoway.com](mailto:support.cn@immunoway.com)  
Telephone: 400-8787-807(China)  
Website: <http://www.immunoway.com.cn>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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