# lipin 1 (Phospho Ser889) Rabbit pAb

CatalogNo: YP1796

## Key Features

| Host Species | Reactivity | Applications |
|---|---|---|
| • Rabbit | • Human,Mouse,Rat | • WB |

| MW | Isotype |
|---|---|
| • 98kD (Calculated) | • 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**

## Basic Information

| | |
|---|---|
| **Clonality** | Polyclonal |

## Immunogen Information

| | |
|---|---|
| **Immunogen** | Synthesized peptide derived from human lipin1 ser889 |
| **Specificity** | This antibody detects endogenous levels of lipin1 ser889 at Human, Mouse,Rat.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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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):HSAsA |

## Target Information

**Gene name** LPIN1 KIAA0188

**Protein Name** lipin1 ser889

| Organism | Gene ID | UniProt ID |
|---|---|---|
| Human | 23175; | Q14693; |
| Mouse | 14245; | Q91ZP3; |

**Cellular Localization** Cytoplasm, cytosol . Endoplasmic reticulum membrane . Nucleus membrane . Translocates from the cytosol to the endoplasmic reticulum following acetylation by KAT5. .

**Tissue specificity** Specifically expressed in skeletal muscle. Also abundant in adipose tissue. Lower levels in some portions of the digestive tract.

**Function** Disease:Defects in LPIN1 are a cause of autosomal recessive acute recurrent myoglobinuria [MIM:268200]; also known as acute recurrent rhabdomyolysis. Recurrent myoglobinuria is characterized by recurrent attacks of rhabdomyolysis (necrosis or disintegration of skeletal muscle) associated with muscle pain and weakness and followed by excretion of myoglobin in the urine. Renal failure may occasionally occur. Onset is usually in early childhood under the age of 5 years.,Function:Is involved in adipocyte differentiation.,miscellaneous:May represents a candidate gene for human lipodysytropy syndromes.,similarity:Belongs to the lipin family.,

## Validation Data

## Contact information


Orders: order@immunoway.com
Support: 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: **lipin 1 (Phospho Ser889) Rabbit pAb**