

**CAU22208**

**Polyclonal Antibody to Lysophosphatidylcholine Acyltransferase 3 (LPCAT3)**

**Organism Species: *Homo sapiens* (Human)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

---

12th Edition (Revised in Aug, 2016)

## **[ PROPERTIES ]**

**Source:** Polyclonal antibody preparation

**Host:** Rabbit

**Purification:** Antigen-specific affinity chromatography followed by Protein A affinity chromatography

**Traits:** Liquid

**Concentration:** 0.48mg/ml

**UOM:** 100µg(210µl)

**Applications:** WB; IHC; ICC; IP.

## **[ IMMUNOGEN ]**

**Immunogen:** Recombinant LPCAT3 (Met122~Arg233) expressed in *E.coli*

**Accession No.:** RPG531Hu01

## **[ APPLICATIONS ]**

Western blotting: 0.5-2µg/mL;1:240-960

Immunohistochemistry: 5-20µg/mL;1:24-96

Immunocytochemistry: 5-20µg/mL;1:24-96

Optimal working dilutions must be determined by end user.

## **[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

## **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

### [ IDENTIFICATION ]

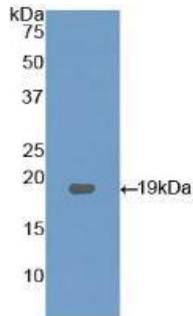


Figure. Western Blot; Sample:  
Recombinant LPCAT3, Human.

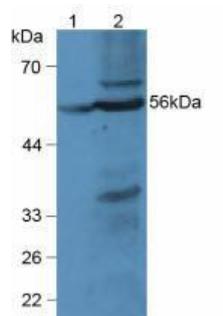


Figure. Western Blot; Sample: Lane1:  
Rat Liver Tissue; Lane2: Mouse Liver  
Tissue.

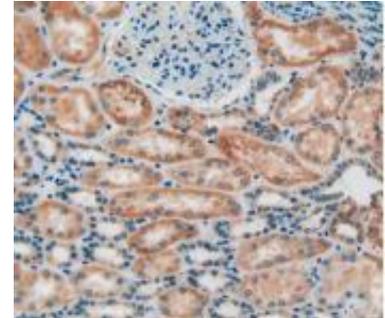


Figure. DAB staining on IHC-P;  
Samples: Human Kidney Tissue.

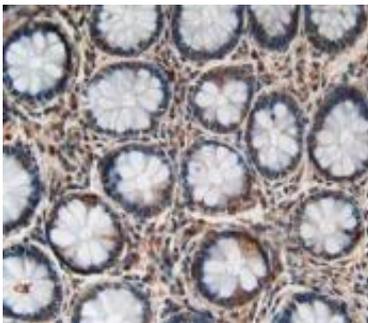


Figure. DAB staining on IHC-P;  
Samples: Human Rectum Tissue.

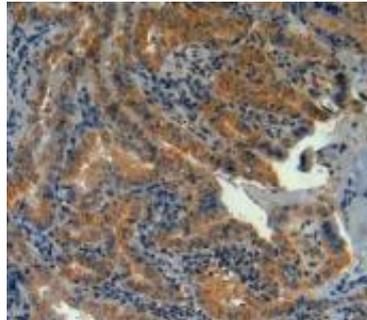


Figure. DAB staining on IHC-P;  
Samples: Human Thyroid Cancer  
Tissue.

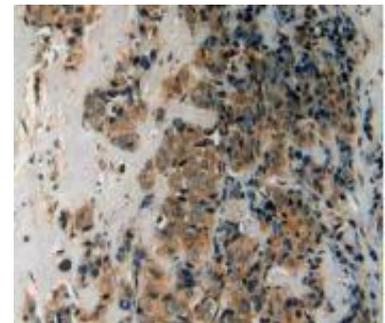


Figure. DAB staining on IHC-P;  
Samples: Human Breast Cancer  
Tissue.

### [ IMPORTANT NOTE ]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.