

**PAE041Hu01**

**Polyclonal Antibody to Perilipin 3 (PLIN3)**

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

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

### **[ PROPERTIES ]**

**Source:** Polyclonal antibody preparation

**Host:** Rabbit

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

**Traits:** Liquid

**Concentration:** 0.5mg/mL

**UOM:** 20 $\mu$ L

**Cross Reactivity:** N/A

**Applications:** WB; ICC/IF

### **[ IMMUNOGEN ]**

**Immunogen:** Recombinant PLIN3 (Glu134~Lys434) expressed in *E.coli*

**Accession No.:** RPE041Hu01

### **[ APPLICATIONS ]**

Western blotting: 0.01-2 $\mu$ g/mL;

Immunofluorescence: 5-20 $\mu$ g/mL;

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.

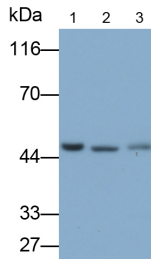
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

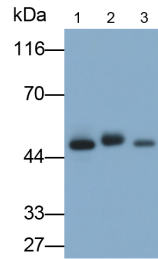
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

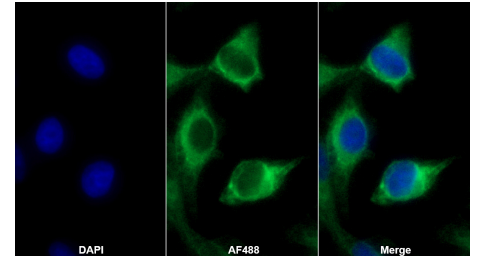
**[ IDENTIFICATION ]**



Western Blot; Samples: Lane1: K562 cell lysate; Lane2: THP1 cell lysate; Lane3: 293T cell lysate;  
 Primary Ab: 0.05µg/ml Rabbit Anti-Human PLIN3 Antibody  
 Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
 (Catalog: SAA544Rb19)



Western Blot; Samples: Lane1: U87MG cell lysate; Lane2: HS-5 cell lysate; Lane3: U2OS cell lysate;  
 Primary Ab: 0.05µg/ml Rabbit Anti-Human PLIN3 Antibody  
 Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
 (Catalog: SAA544Rb19)



AF488 staining on IF;  
 Sample: HeLa cell  
 Primary Ab: 20µg/ml Rabbit Anti-Human PLIN3 Antibody  
 Second Ab: 2µg/ml AF488-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
 (Catalog: SAA544Rb11)

**[ 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.