

A21066

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## PLOD3 Rabbit mAb

Catalog No.: A21066

Recombinant

### Basic Information

**Observed MW**

85kDa

**Calculated MW**

85kDa

**Category**

SMab Recombinant Monoclonal Antibody

**Applications**

WB,ELISA

**Cross-Reactivity**

Human,Mouse

**CloneNo number**

ARC52014

### Background

The protein encoded by this gene is a membrane-bound homodimeric enzyme that is localized to the cisternae of the rough endoplasmic reticulum. The enzyme (cofactors iron and ascorbate) catalyzes the hydroxylation of lysyl residues in collagen-like peptides. The resultant hydroxylysyl groups are attachment sites for carbohydrates in collagen and thus are critical for the stability of intermolecular crosslinks. Some patients with Ehlers-Danlos syndrome type VIB have deficiencies in lysyl hydroxylase activity.

### Recommended Dilutions

WB 1:1000 - 1:5000

### Immunogen Information

**Gene ID**

8985

**Swiss Prot**

O60568

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 25-306 of human PLOD3 (NP\_001075.1).

**Synonyms**

LH3; PLOD3

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

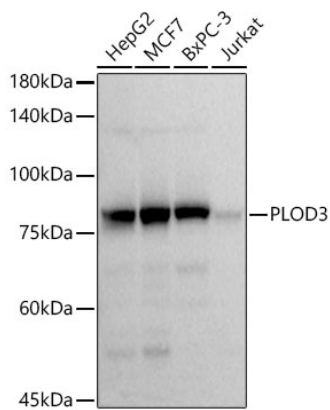
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of lysates from Mouse brain, using PLOD3 Rabbit mAb (A21066) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

