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## Datasheet for ABIN656661 anti-PLOD3 antibody (N-Term)

Image



#### Overview

Quantity:	400 µL
Target:	PLOD3
Binding Specificity:	AA 78-105, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLOD3 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	This PLOD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 78-105 amino acids from the N-terminal region of human PLOD3.
Clone:	RB32395
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	PLOD3
Alternative Name:	PLOD3 (PLOD3 Products)
Background:	The protein encoded by this gene is a membrane-bound homodimeric enzyme that is localized

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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.

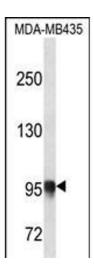
Molecular Weight:	84785
Gene ID:	8985
NCBI Accession:	NP_001075
UniProt:	060568

## Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	PLOD3 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



#### Western Blotting

**Image 1.** PLOD3 Antibody (N-term) (ABIN656661 and ABIN2845902) western blot analysis in MDA-M cell line lysates (35 µg/lane).This demonstrates the PLOD3 antibody detected the PLOD3 protein (arrow).

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