

DATASHEET

PLOD3 Rabbit Polyclonal Antibody

CAT. NO. ARA6731

KEY FEATURES

Target	PLOD3	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Storage	-20°C

BACKGROUND

Forms hydroxylysine residues in -Xaa-Lys-Gly- sequences in collagens. These hydroxylysines serve as sites of attachment for carbohydrate units and are essential for the stability of the intermolecular collagen cross-links.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

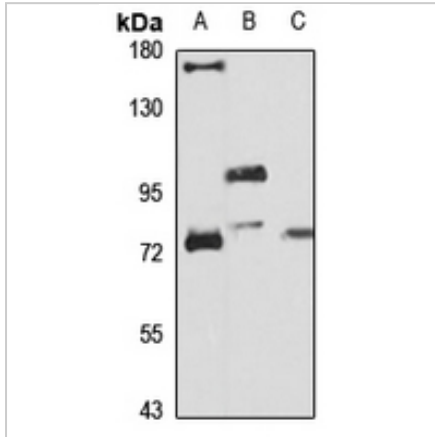
Immunogen	Recombinant fusion protein of human PLOD3. The exact sequence is proprietary
Purification	The antibody was purified by immunogen affinity chromatography
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide
Gene Name	PLOD3
Alternative Names	Procollagen-lysine 2-oxoglutarate 5-dioxygenase 3; Lysyl hydroxylase 3; LH3
Gene ID (Human)	8985;
Gene ID (Mouse)	26433;
Gene ID (Rat)	288583;
Protein ID (Human)	O60568;
Protein ID (Mouse)	Q9R0E1;
Protein ID (Rat)	Q5U367;

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of PLOD3 expression in HepG2 (A), mouse lung (B), rat liver (C) whole cell lysates. (Predicted band size: 84 kD; Observed band size: 85 kD)

STORAGE

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com