

Anti-PLOD2 antibody



Description	Unconjugated Rabbit polyclonal to PLOD2
Model	STJ192482
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human PLOD2 protein.
Immunogen Region	600-680aa
Gene ID	5352
Gene Symbol	PLOD2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	PLOD2 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Highly expressed in pancreas and muscle. Isoform 1 and isoform 2 are expressed in the majority of the examined cell types. Isoform 2 is specifically expressed in skin, lung, dura and aorta.
Purification	PLOD2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2 Lysyl hydroxylase 2 LH2
Molecular Weight	81 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:9082OMIM:601865
Alternative Names	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2 Lysyl hydroxylase 2 LH2
Function	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.
Cellular Localization	Rough endoplasmic reticulum membrane. Peripheral membrane protein. Luminal side.

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