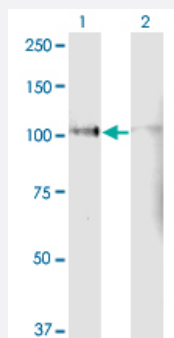


LPIN1 monoclonal antibody (M03), clone 3D9

Catalog # H00023175-M03

Size 100 ug

Applications

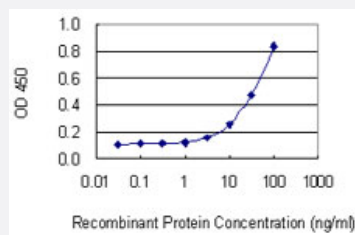


Western Blot (Transfected lysate)

Western Blot analysis of LPIN1 expression in transfected 293T cell line by LPIN1 monoclonal antibody (M03), clone 3D9.

Lane 1: LPIN1 transfected lysate (Predicted MW: 98.7 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LPIN1 is 1 ng/ml as a capture antibody.

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant LPIN1.

Immunogen

LPIN1 (NP_663731.1, 792 a.a. ~ 890 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

EPFYAAFGNRPADVYSYKQVGVSLSNRIFTVNPKGELVQEHAKTNISSYVRLCEVVDHVFPLLKRSH
SSDFPCSDTFSNFTFWREPLPPFENQDIHSASA

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (85); Rat (85)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of LPIN1 expression in transfected 293T cell line by LPIN1 monoclonal antibody (M03), clone 3D9.

Lane 1: LPIN1 transfected lysate (Predicted MW: 98.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LPIN1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — LPIN1

Entrez GeneID	23175
GeneBank Accession#	NM_145693
Protein Accession#	NP_663731.1
Gene Name	LPIN1
Gene Alias	DKFZp781P1796, KIAA0188, PAP1
Gene Description	lipin 1
Omim ID	605518
Gene Ontology	Hyperlink

Gene Summary

This gene represents a candidate gene for human lipodystrophy, characterized by loss of body fat , fatty liver, hypertriglyceridemia, and insulin resistance. Mouse studies suggest that this gene functions during normal adipose tissue development and may also play a role in human triglyceride metabolism. [provided by RefSeq]

Other Designations

-

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Lipodystrophy](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)