



Anti-MBOAT4 (aa 97-111) polyclonal antibody (DPABH-27349)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Mediates the octanoylation of ghrelin at Ser-3. Can use a variety of fatty acids as substrates including octanoic acid, decanoic acid and tetradecanoic acid.
Immunogen	Synthetic peptide: CHLGLHYTEYYLGEP, corresponding to internal sequence amino acids 97-111 of Mouse MBOAT4 (NP_001119786.1.)
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	200 µl
Buffer	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	MBOAT4 membrane bound O-acyltransferase domain containing 5 [Mus musculus]
Official Symbol	MBOAT4
Synonyms	MBOAT4; membrane bound O-acyltransferase domain containing 4; GOAT; Gm171; ghrelin O-acyltransferase; O-acyltransferase domain-containing protein 4; membrane-bound O-acyltransferase domain-containing protein 4;
Entrez Gene ID	234155
Protein Refseq	NP_001119786.1
UniProt ID	P0C7A3
Pathway	Metabolism of proteins; Synthesis, secretion, and deacylation of Ghrelin;
Function	2,4,4-trimethyl-3-oxopentanoyl-CoA 2-C-propanoyl transferase activity; 2,6-dimethyl-5-methylene-3-oxo-heptanoyl-CoA C-acetyltransferase activity; 2-methylhexanoyl-CoA C-acetyltransferase activity; 3-hydroxybutyryl-CoA thiolase activity