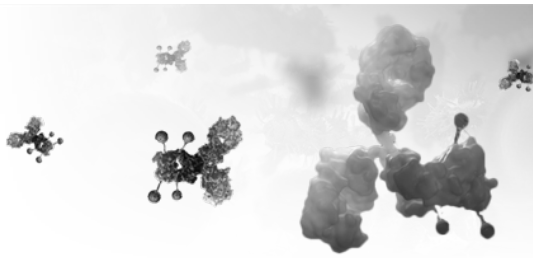

Human ABHD5 blocking peptide (CDBP0776)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CGI58/ABHD5 antibody
Antigen Description	The protein encoded by this gene belongs to a large family of proteins defined by an alpha/beta hydrolase fold, and contains three sequence motifs that correspond to a catalytic triad found in the esterase/lipase/thioesterase subfamily. It differs from other members of this subfamily in that its putative catalytic triad contains an asparagine instead of the serine residue. Mutations in this gene have been associated with Chanarin-Dorfman syndrome, a triglyceride storage disease with impaired long-chain fatty acid oxidation.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	ABHD5 abhydrolase domain containing 5 [Homo sapiens]
Official Symbol	ABHD5
Synonyms	ABHD5; abhydrolase domain containing 5; 1-acylglycerol-3-phosphate O-acyltransferase ABHD5; CGI 58; NCIE2; lipid droplet-binding protein CGI-58; abhydrolase domain-containing

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	protein 5; CDS; CGI58; IECN2; MGC8731;
Entrez Gene ID	51099
mRNA Refseq	NM_016006
Protein Refseq	NP_057090
UniProt ID	Q8WTS1
Chromosome Location	3p25.3-p24.3
Pathway	CDP-diacylglycerol biosynthesis I, organism-specific biosystem; Hormone-sensitive lipase (HSL)-mediated triacylglycerol hydrolysis, organism-specific biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; phosphatidylglycerol biosynthesis II (non-plastidic), organism-specific biosystem; triacylglycerol biosynthesis, organism-specific biosystem;
Function	1-acylglycerol-3-phosphate O-acyltransferase activity; lysophosphatidic acid acyltransferase activity; transferase activity, transferring acyl groups; NOT triglyceride lipase activity;

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