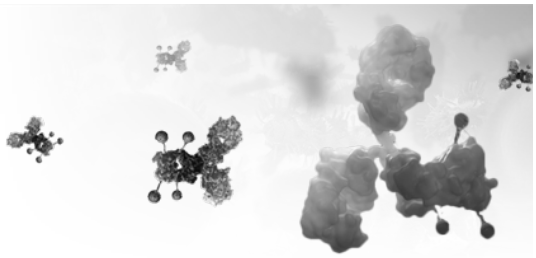

Human GPR119 blocking peptide (CDBP1403)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-GPR119 antibody
Antigen Description	This gene encodes a member of the rhodopsin subfamily of G-protein-coupled receptors that is expressed in the pancreas and gastrointestinal tract. The encoded protein is activated by lipid amides including lysophosphatidylcholine and oleoylethanolamide and may be involved in glucose homeostasis. This protein is a potential drug target in the treatment of type 2 diabetes.[provided by RefSeq, Jan 2010]
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	GPR119 G protein-coupled receptor 119 [Homo sapiens (human)]
Official Symbol	GPR119
Synonyms	GPR119; G protein-coupled receptor 119; GPCR2; glucose-dependent insulinotropic receptor; G-protein coupled receptor 2;
Entrez Gene ID	139760

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
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mRNA Refseq	NM_178471.2
Protein Refseq	NP_848566.1
UniProt ID	Q8TDV5
Chromosome Location	Xq26.1
Pathway	Incretin Synthesis, Secretion, and Inactivation, organism-specific biosystem; Insulin secretion, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Peptide hormone metabolism, organism-specific biosystem; Synthesis, Secretion, and Inactivation of Glucagon-like Peptide-1 (GLP-1), organism-specific biosystem; Synthesis, Secretion, and Inactivation of Glucose-dependent Insulinotropic Polypeptide (GIP), organism-specific biosystem;
Function	G-protein coupled receptor activity; phosphatidylcholine binding;

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