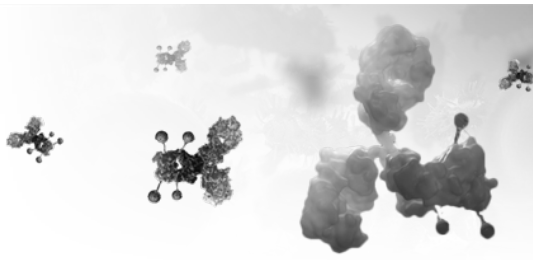

Human PEX12 blocking peptide (CDBP2260)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PEX12 antibody
Antigen Description	This gene belongs to the peroxin-12 family. Peroxins (PEXs) are proteins that are essential for the assembly of functional peroxisomes. The peroxisome biogenesis disorders (PBDs) are a group of genetically heterogeneous autosomal recessive, lethal diseases characterized by multiple defects in peroxisome function. The peroxisomal biogenesis disorders are a heterogeneous group with at least 14 complementation groups and with more than 1 phenotype being observed in cases falling into particular complementation groups. Although the clinical features of PBD patients vary, cells from all PBD patients exhibit a defect in the import of one or more classes of peroxisomal matrix proteins into the organelle. Defects in this gene are a cause of Zellweger syndrome (ZWS). [provided by RefSeq, Oct 2008]
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	PEX12 peroxisomal biogenesis factor 12 [Homo sapiens]
Official Symbol	PEX12

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Synonyms	PEX12; peroxisomal biogenesis factor 12; peroxisome assembly protein 12; peroxin 12; peroxin-12; peroxisome assembly factor 3; PAF-3;
Entrez Gene ID	5193
mRNA Refseq	NM_000286
Protein Refseq	NP_000277
UniProt ID	O00623
Chromosome Location	17q21.1
Pathway	Peroxisome, organism-specific biosystem; Peroxisome, conserved biosystem;
Function	metal ion binding; protein C-terminus binding; protein binding; zinc ion binding;

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