



Human NET1 blocking peptide (CDBP1999)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-NET1/ARHGEF8 (Internal) antibody
Antigen Description	This gene is part of the family of Rho guanine nucleotide exchange factors. Members of this family activate Rho proteins by catalyzing the exchange of GDP for GTP. The protein encoded by this gene interacts with RhoA within the cell nucleus and may play a role in repairing DNA damage after ionizing radiation. Pseudogenes of this gene are located on the long arms of chromosomes 1, 7 and 18. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Jul 2012]
Nature	Synthetic
Expression System	N/A
Species	Human
Species Reactivity	Human, Mouse, Dog, Rat
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Procedure	None
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

ANTIGEN GENE INFORMATION

Gene Name	NET1 neuroepithelial cell transforming 1 [Homo sapiens]
Official Symbol	NET1
Synonyms	NET1; neuroepithelial cell transforming 1; neuroepithelial cell-transforming gene 1 protein; ARHGEF8; NET1A; proto-oncogene p65 Net1; p65 Net1 proto-oncogene protein; small GTP-binding protein regulator; neuroepithelioma transforming gene 1; neuroepithelial cell transforming gene 1; rho guanine nucleotide exchange factor 8; Rho guanine nucleotide exchange factor (GEF) 8; guanine nucleotide regulatory protein (oncogene);
Entrez Gene ID	10276
mRNA Refseq	NM_001047160
Protein Refseq	NP_001040625
UniProt ID	Q7Z628
Chromosome Location	10p15
Pathway	Cell death signalling via NRAGE, NRIF and NADE, organism-specific biosystem; G alpha (12/13) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; NRAGE signals death through JNK, organism-specific biosystem; Regulation of RhoA activity, organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem;
Function	Rho guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity;