



Human VPS29 blocking peptide (CDBP3181)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-VPS29 (Internal) antibody
Antigen Description	This gene belongs to a group of vacuolar protein sorting (VPS) genes that, when functionally impaired, disrupt the efficient delivery of vacuolar hydrolases. The protein encoded by this gene is a component of a large multimeric complex, termed the retromer complex, which is involved in retrograde transport of proteins from endosomes to the trans-Golgi network. This VPS protein may be involved in the formation of the inner shell of the retromer coat for retrograde vesicles leaving the prevacuolar compartment. Alternative splice variants encoding different isoforms and representing non-protein coding transcripts have been found for this gene. [provided by RefSeq, Aug 2013]
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	VPS29 vacuolar protein sorting 29 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	VPS29

Synonyms	VPS29; vacuolar protein sorting 29 homolog (S. cerevisiae); vacuolar protein sorting 29 (yeast homolog) , vacuolar protein sorting 29 (yeast); vacuolar protein sorting-associated protein 29; DC7; DC15; PEP11; hVPS29; PEP11 homolog; x 007 protein; retromer protein; vesicle protein sorting 29; vacuolar sorting protein VPS29/PEP11; FLJ20492; DKFZp564F0223;
Entrez Gene ID	51699
mRNA Refseq	NM_016226
Protein Refseq	NP_057310
UniProt ID	Q9UBQ0
Chromosome Location	12q24
Function	hydrolase activity, acting on ester bonds; metal ion binding; phosphoserine phosphatase activity;