



Human VPS45 blocking peptide (CDBP3186)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-VPS45 (Internal) antibody
Antigen Description	Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene is a member of the Sec1 domain family, and shows a high degree of sequence similarity to mouse, rat and yeast Vps45. The exact function of this gene is not known, but its high expression in peripheral blood mononuclear cells suggests a role in trafficking proteins, including inflammatory mediators. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 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	VPS45 vacuolar protein sorting 45 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	VPS45

Synonyms	VPS45; vacuolar protein sorting 45 homolog (S. cerevisiae); vacuolar protein sorting 45A (yeast homolog) , vacuolar protein sorting 45A (yeast) , VPS45A, VPS45B; vacuolar protein sorting-associated protein 45; h vps45; H1; hVps45; vacuolar protein sorting 45A; leucocyte vacuolar protein sorting 45; VSP45; VPS45A; VPS45B; VPS54A; VSP45A; H1VPS45;
Entrez Gene ID	11311
mRNA Refseq	NM_007259
Protein Refseq	NP_009190
UniProt ID	Q9NRW7
Chromosome Location	1q21.2
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	molecular_function;
