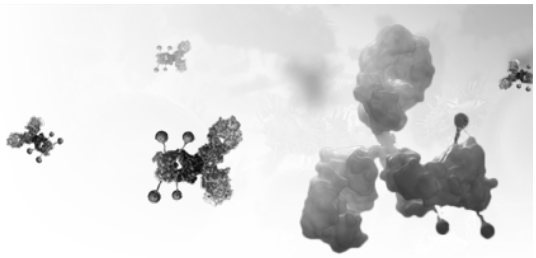

Human STAB1 blocking peptide (CDBP2821)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Stabilin 1 antibody
Antigen Description	This gene encodes a large, transmembrane receptor protein which may function in angiogenesis, lymphocyte homing, cell adhesion, or receptor scavenging. The protein contains 7 fasciclin, 16 epidermal growth factor (EGF)-like, and 2 laminin-type EGF-like domains as well as a C-type lectin-like hyaluronan-binding Link module. The protein is primarily expressed on sinusoidal endothelial cells of liver, spleen, and lymph node. The receptor has been shown to endocytose ligands such as low density lipoprotein, Gram-positive and Gram-negative bacteria, and advanced glycosylation end products. Supporting its possible role as a scavenger receptor, the protein rapidly cycles between the plasma membrane and early endosomes. [provided by RefSeq, Jul 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	STAB1 stabilin 1 [Homo sapiens (human)]
Official Symbol	STAB1

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Synonyms	STAB1; stabilin 1; FEX1; FEEL-1; FELE-1; STAB-1; CLEVER-1; stabilin-1; MS-1 antigen; common lymphatic endothelial and vascular endothelial receptor-1; fasciclin egf-like, laminin-type egf-like, and link domain-containing scavenger receptor-1; fasciclin, EGF-like, laminin-type EGF-like and link domain-containing scavenger receptor 1;
Entrez Gene ID	23166
mRNA Refseq	NM_015136.2
Protein Refseq	NP_055951.2
UniProt ID	Q9NY15
Chromosome Location	3p21.1
Pathway	Binding and Uptake of Ligands by Scavenger Receptors, organism-specific biosystem; Scavenging by Class H Receptors, organism-specific biosystem;
Function	hyaluronic acid binding; low-density lipoprotein particle binding; low-density lipoprotein receptor activity; protein binding; protein disulfide oxidoreductase activity; scavenger receptor activity;

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