



Anti-STAB1 (aa 1804-1902) polyclonal antibody (DPAB-DC1054)

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

PRODUCT INFORMATION

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.
Immunogen	STAB1 (NP_055951, 1804 a.a. ~ 1902 a.a) partial recombinant protein with GST tag. The sequence is EALASDLPLNLGPLRTMHGTPISFSCSRTRAGELMVGEDDARIVQRHLPFEGGLAYGIDQL LEPPGLGARCDHFETRPLRLNTCSICGLEPPCPEGSQEQ
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	STAB1 stabilin 1 [Homo sapiens (human)]
Official Symbol	STAB1
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
Protein Refseq	NP_055951
UniProt ID	Q9NY15
Chromosome Location	3p21.1
Pathway	Binding and Uptake of Ligands by Scavenger Receptors;
Function	hyaluronic acid binding; low-density lipoprotein particle binding; low-density lipoprotein receptor activity; protein binding