



# Anti-STAB1 (aa 2559-2570) polyclonal antibody (DPABH-20705)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Stabilin-1 is 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 (Entrez gene 23166).
<b>Immunogen</b>	Synthetic peptide: C-DFPDTQRILTVK, corresponding to C terminal amino acids 2559-2570 of Human stabilin1 (NP_055951.2).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	Constituents: 0.5% BSA, Tris buffered saline, pH 7.3

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<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">STAB1 stabilin 2 [ Homo sapiens ]</a>
<b>Official Symbol</b>	STAB1
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">23166</a>
<b>Protein Refseq</b>	<a href="#">NP_055951.2</a>
<b>UniProt ID</b>	<a href="#">Q9NY15</a>
<b>Pathway</b>	Binding and Uptake of Ligands by Scavenger Receptors;
<b>Function</b>	hyaluronic acid binding; low-density lipoprotein particle binding; low-density lipoprotein receptor activity; protein binding

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