



Rabbit Anti-Stabilin 2 antibody

SL12346R

Product Name:	Stabilin 2
Chinese Name:	清道夫受体STAB2抗体
Alias:	STAB 2; 190 kDa form stabilin-2; 190 kDa hyaluronan receptor for endocytosis; EGF-like; FAS1 EGF-like and X-link domain-containing adhesion molecule 2; Fasciclin; FEEL-2; FEEL2; FELL; FEX2; HARE; Hyaluronan receptor for endocytosis; laminin-type EGF-like and link domain-containing scavenger receptor 2; link domain-containing scavenger receptor 2; STAB-2; Stab2; STAB2_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	154/275kDa
Cellular localization:	cytoplasmicThe cell membraneExtracellular matrix
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Human 190 kDa form stabilin-2:2201-2300/2551<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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, 15 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 bind and endocytose ligands such as hyaluronan, low density lipoprotein, Gram-positive and Gram-negative bacteria, and advanced glycosylation end products. Supporting its possible role as a scavenger receptor, the protein has been shown to cycle between the plasma membrane and lysosomes. [provided by RefSeq, Jul 2008].

Function:

Phosphatidylserine receptor that enhances the engulfment of apoptotic cells. Hyaluronan receptor that binds to and mediates endocytosis of hyaluronic acid (HA). Acts also, in different species, as a primary systemic scavenger receptor for heparin (Hep), chondroitin sulfate (CS), dermatan sulfate (DS), nonglycosaminoglycan (GAG), acetylated low-density lipoprotein (AcLDL), pro-collagen propeptides and advanced glycation end products (AGE). May serve to maintain tissue integrity by supporting extracellular matrix turnover or it may contribute to maintaining fluidity of bodily liquids by resorption of hyaluronan. Counter receptor which plays an important role in lymphocyte recruitment in the hepatic vasculature. Binds to both Gram-positive and Gram-negative bacteria and may play a role in defense against bacterial infection. The proteolytically processed 190 kDa form also functions as an endocytosis receptor for heparin internalisation as well as HA and CS.

Subcellular Location:

Cell membrane. Cytoplasm. Only a small amount appears to be present at the cell surface.

Tissue Specificity:

Highly expressed in sinusoidal endothelial cells of liver, spleen and lymph nodes. Also expressed in non SEC-cells such as HMDMs (monocyte-derived macrophages), HAMs (T-cell leukemia virus type 1-associated myelopathy), and several macrophage cell line.

Post-translational modifications:

Glycosylated.

Proteolytically processed to yield a 190 kDa protein.

Similarity:

Contains 17 EGF-like domains.

Contains 7 FAS1 domains.

Contains 2 laminin EGF-like domains.

Contains 1 Link domain.

SWISS:

Q8WWQ8

Gene ID:

55576

Database links:

[Entrez Gene: 55576](#) Human

[Omim: 608561](#) Human

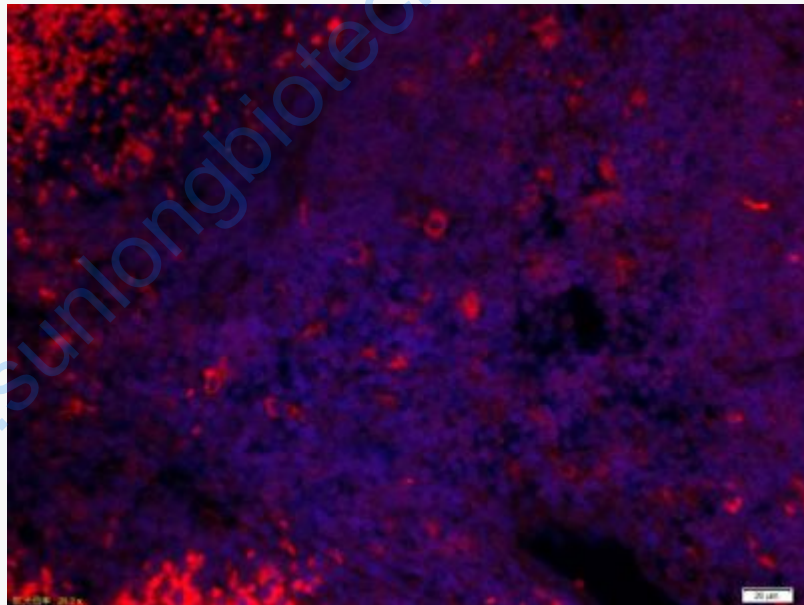
[SwissProt: Q8WWQ8](#) Human

[Unigene: 408249](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Tissue/cell: mouse spleen tissue;4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min;

Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-Stabilin 2 Polyclonal Antibody, Unconjugated(SL12346R) 1:200,

overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated(SL12346R)used at 1:200 dilution for 40 minutes at 37°C.
DAPI(5ug/ml,blue,C-0033) was used to stain the cell nuclei

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