

Datasheet for ABIN1714337

anti-Stabilin 2 (STAB2) (AA 2201-2300) antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	Stabilin 2 (STAB2)
Binding Specificity:	AA 2201-2300
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Stabilin-2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Sheep,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Stabilin 2 (STAB2)
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Target Details

Alternative Name:	Stabilin 2/STAB 2 (STAB2 Products)
Background:	<p>Synonyms: FEX2, HARE, FEEL2, FELL2, FELE-2, Stabilin-2, FAS1 EGF-like and X-link domain-containing adhesion molecule 2, Fasciclin, EGF-like, laminin-type EGF-like and link domain-containing scavenger receptor 2, FEEL-2, Hyaluronan receptor for endocytosis, STAB2, FELL</p> <p>Background: 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.</p>
Gene ID:	55576
UniProt:	Q8WWQ8
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

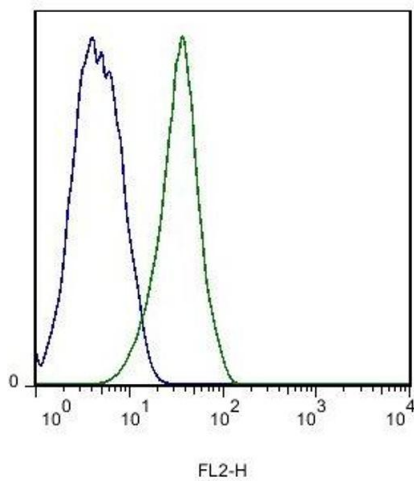
Handling

Format:	Liquid
Concentration:	1 µg/µL

Handling

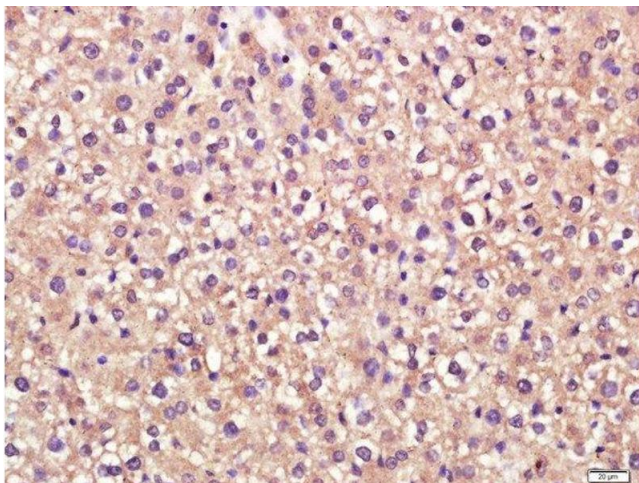
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Flow Cytometry

Image 1. Mouse spleen cells probed with Rabbit Anti-Stabilin 2/STAB 2 Polyclonal Antibody, PE conjugated (ABIN1714337-PE) at 1:50 for 60 minutes (green) compared to control cells (blue).



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded mouse liver tissue, Antigen retrieval by boiling in sodium citrate buffer(pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Rabbit Anti-Stabilin 2 Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by a conjugated secondary and DAB staining