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Datasheet for ABIN1706417

anti-Stabilin 2 (STAB2) (AA 2201-2300) antibody (Cy5.5)

Overview

Quantity:	100 µL
Target:	Stabilin 2 (STAB2)
Binding Specificity:	AA 2201-2300
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Cy5.5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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)
Alternative Name:	Stabilin 2/STAB 2 (STAB2 Products)

Target Details

Background: 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, FELL2
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.

Gene ID: 55576

UniProt: [Q8WWQ8](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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.

Handling

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months