Anti-STAB2 antibody

Description	Unconjugated Rabbit polyclonal to STAB2

Model	STJ192359
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	IHC
Immunogen	Synthesized peptide derived from human STAB2 protein.
Immunogen Region	980-1060aa
Gene ID	55576
Gene Symbol	STAB2
Dilution range	IHC-p 1:50-300
Specificity	STAB2 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Highly expressed in sinusoidal endothelial cells of liver, spleen and lymph nodes. Also expressed in non SEC-cells such as HMDMs (monocyte-derivedmacrophages), HAMs (T-cell leukemia virus type 1-associated myelopathy), and several macrophage cell line.
Purification	STAB2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	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 190 kDa

	form stab
Molecular Weight	280 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:18629OMIM:608561
Alternative Names	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 190 kDa form stab
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.
Sequence and Domain Family	Recognizes phosphatidyl serine via its epidermal growth factor-like domains.
Cellular Localization	Cell membrane Cytoplasm. Only a small amount appears to be present at the cell surface .
Post-translational Modifications	Glycosylated. Proteolytically processed to yield a 190 kDa protein.