

Immunotag™ STAB2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN2255
Product Description	Immunotag™ STAB2 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	STAB2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p
Recommended Dilution	IHC-p 1:50-300
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein, at AA range: 980-1060
Specificity	STAB2 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	STAB2 FEEL2 FELL FEX2 HARE
Accession No.	Q8WWQ8 Q8R4U0 Q8CFM6

Antibody Specification

Description	stabilin 2(STAB2) Homo sapiens 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],
Protein Expression	Liver,Spleen,Testis,
Subcellular Localization	cytoplasm,plasma membrane,integral component of plasma membrane,external side of plasma membrane,endocytic vesicle membrane,
Protein Function	domain:Recognizes phosphatidyl serine via its epidermal growth factor-like domains.,function:Phosphatidylserine receptor that enhances the engulfment of apoptotic cells. Hyaluronan receptor that binds to and mediates endocytosis of hyaluronic acid. 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. Binds to both Gram-positive and Gram-negative bacteria and may play a role in defense against bacterial infection. Bona fide phosphatidyl serine receptor for cell corpse clearance in macrophages.,PTM:Proteolytically processed to yield a 190 kDa protein.,similarity:Contains 1 Link domain.,similarity:Contains 17 EGF-like domains.,similarity:Contains 2 laminin EGF-like domains.,similarity:Contains 7 FAS1 domains.,subunit:Interacts with GULP1.,tissue specificity:Highly expressed in sinusoidal endothelial cells of liver, spleen and lymph nodes.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.