

## ARG57805 anti-STAB2 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes STAB2
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	STAB2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1550-1850 of Human STAB2 (NP_060034.9).
Conjugation	Un-conjugated
Alternate Names	FEX2; FELE-2; HARE; Fasciclin, EGF-like, laminin-type EGF-like and link domain-containing scavenger receptor 2; Hyaluronan receptor for endocytosis; FEEL-2; Stabilin-2; FELL2; FEEL2; 190 kDa hyaluronan receptor for endocytosis; FAS1 EGF-like and X-link domain-containing adhesion molecule 2

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse liver	
Observed Size	~ 277 kDa	

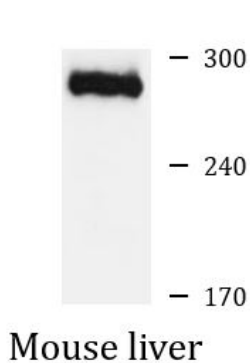
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	STAB2
Gene Full Name	stabilin 2
Background	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. [UniProt]
Calculated Mw	277 kDa
PTM	Glycosylated.  Proteolytically processed to yield a 190 kDa protein. [UniProt]
Cellular Localization	Cell membrane, Single-pass type I membrane protein, Cytoplasm. [UniProt]

## Images



ARG57805 anti-STAB2 antibody WB image

Western blot: 25 µg of Mouse liver lysate stained with ARG57805 anti-STAB2 antibody at 1:1000 dilution.