

ARG57805 anti-STAB2 antibody

Package: 100 µl
Store at: -20°C

Summary

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|---------------------|--|
| 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 | <table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> </table> | Application | Dilution | WB | 1:500 - 1:2000 |
|-------------------|--|-------------|----------|----|----------------|
| 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 | | | | |

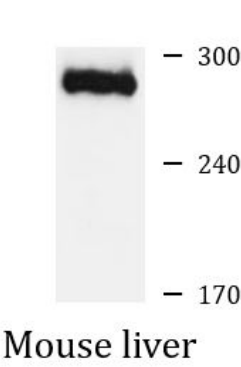
Properties

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|---------------------|---|
| 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

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|-----------------------|--|
| 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.