



STAB1 Polyclonal Antibody

Catalog No	YP-Ab-07026
Isotype	IgG
Reactivity	Human;Mouse
Applications	IHC;IF
Gene Name	STAB1 FEEL1 KIAA0246
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	STAB1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p 1:50-300. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CANDF7;IMD31A;IMD31B;IMD31C;ISGF-3;STAT91;STAT1;STAB1;STAB1 FEEL1 KIAA0246;Stabilin-1 (Fasciclin;EGF-like;laminin-type EGF-like and link domain-containing scavenger receptor 1) (FEEL-1) (MS-1 antigen)
Observed Band	84 kDa/91 kDa/87 kDa
Calculated Molecular Weight	87 kDa
Cell Pathway	Membrane ; Single-pass type I membrane protein .
Tissue Specificity	High levels found in spleen, lymph node, liver and placenta. Also expressed in endothelial cells.
Function	function:Acts as a scavenger receptor for acetylated low density lipoprotein. Binds to both Gram-positive and Gram-negative bacteria and may play a role in defense against bacterial infection. When inhibited in endothelial tube formation assays, there is a marked decrease in cell-cell interactions, suggesting a role in angiogenesis. Involved in the delivery of newly synthesized CHID1/SI-CLP from the biosynthetic compartment to the endosomal/lysosomal system., similarity:Contains 1 Link domain.,similarity:Contains 16 EGF-like domains., similarity:Contains 2 laminin EGF-like domains.,similarity:Contains 7 FAS1 domains.,subunit:Interacts with CHID1.,tissue specificity:High levels found in spleen, lymph node, liver and placenta. Also expressed in endothelial cells.,

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, 16 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 endocytose ligands such as low density lipoprotein, Gram-positive and Gram-negative bacteria, and advanced glycosylation end products. Supporting its possible role as a scavenger receptor, the protein rapidly cycles between the plasma membrane and early endosomes. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images