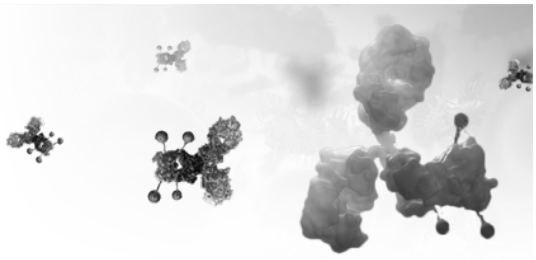

Anti-STAB2 (aa 367-465) polyclonal antibody (DPAB-DC2416)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	STAB2 (NP_060034, 367 a.a. ~ 465 a.a) partial recombinant protein with GST tag. The sequence is ERLRELNTEPRGKWQGRLTSFISLLDKAYAWPLSKLGPFTVLLPTDKGLKGFNVNELLVD NKAAQYFVKLHIIAGQMNIEYMNNTDMFYTLTGKSGEIF
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

GENE INFORMATION

Gene Name	STAB2 stabilin 2 [Homo sapiens (human)]
Official Symbol	STAB2
Synonyms	STAB2; stabilin 2; FEX2; HARE; FEEL2; FELL2; FELE-2; stabilin-2; CD44-like precursor FELL; hyaluronan receptor for endocytosis; hepatic hyaluronan clearance receptor; hyaluronic acid receptor for endocytosis; 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;
Entrez Gene ID	55576
Protein Refseq	NP_060034
UniProt ID	Q8WWQ8
Chromosome Location	12q23.3
Pathway	Binding and Uptake of Ligands by Scavenger Receptors; Glycogen storage diseases; Hyaluronan metabolism; MPS I - Hurler syndrome
Function	hyaluronic acid binding; low-density lipoprotein particle binding; low-density lipoprotein receptor activity; protein binding

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221