bs-4825R **[Primary Antibody]**

ASGPR1 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 432 **SWISS:** P07306

Target: ASGPR1

Immunogen: KLH conjugated synthetic peptide derived from human ASGPR1: 181-280/291.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: ASGR is a heterooligomeric receptor that is abundantly expressed on the sinusoidal surface of the hepatic plasma membrane. It is an endocytic receptor that rapidly binds and internalizes galactose-terminated glycoproteins (asialoglycoproteins or ASGP) from the circulation. The mouse ASGPR belongs to the long-form subfamily of the C-type/Ca2+ dependent lectin family. It is a complex of two noncovalently-linked and highly homologous subunits, a major 42 kDa glycoprotein ASGPR1(MHL-1) and a minor 51 kDa glycoprotein ASGR2 (MHL-2). ASGPR1 is synthesized as a type II transmembrane protein that contains a cytosolic N-terminal domain, a single transmembrane segment, and an extracellular domain which contains two important structural regions. The first is a stalk domain that contributes to noncovalent oligomerization, and the second is a Ca2+-dependent carbohydrate binding domain at the very C-terminus that is unusually stabilized by three ions. The aa sequence of mouse ASGPR1 ECD is 89% and 79% identical to the ASGPR1 ECD of rat and human, respectively.

Reactivity: (predicted: Human, Mouse, Rat, Horse)

Predicted MW.: 32 kDa

Subcellular Location: Cell membrane