

A Reliable Research Partner in Life Science and Medicine

# **BSG Polyclonal Antibody**

catalog number: E-AB-40298

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### Description

Reactivity Mouse;Rat

Immunogen Recombinant Rat Basigin protein

Host Rabbit Isotype IgG

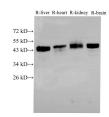
Purification Antigen Affinity Purification

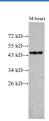
**Buffer** PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

# Applications Recommended Dilution

WB 1:1000-1:2000 IHC 1:100-1:300

#### **Data**

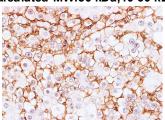




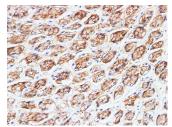
Western Blot analysis of Rat liver, Rat heart,Rat kidney and Western Blot analysis of Mouse heart using BSG Polyclonal Rat brain using BSG Polyclonal Antibody at dilution of Antibody at dilution of 1:1000

1:2000

Observed-MW:30 kDa,40-60 kDa Calculated-MW:30 kDa.40-60 kDa



Observed-MW:30 kDa,40-60 kDa Calculated-MW:30 kDa,40-60 kDa



Rev. V2.1

Immunohistochemistry of paraffin-embedded Rat liver using Immunohistochemistry of paraffin-embedded Rat stomach BSG Polyclonal Antibody at dilution of 1:200 using BSG Polyclonal Antibody at dilution of 1:200

# **Preparation & Storage**

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping The product is shipped with ice pack, upon receipt, store it immediately at the

temperature recommended.

## **Background**

# For Research Use Only

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: w w w .elabscience.com
 Email: techsupport@elabscience.com

# Elabscience®

## **Elabscience Bionovation Inc.**

A Reliable Research Partner in Life Science and Medicine

BSG,also named as 5F7,Basigin,EMMPRIN,TCSF and CD147,plays pivotal roles in spermatogenesis,embryo implantation,neural network formation and tumor progression. It stimulates adjacent fibroblasts to produce matrix metalloproteinases (MMPS).CD147 may target monocarboxylate transporters SLC16A1,SLC16A3 and SLC16A8 to plasma membranes of retinal pigment epithelium and neural retina. It seems to be a receptor for oligomannosidic glycans. CD147 is a receptor of CypA,inducing matrix metalloproteinase expression and mediating the degradation of the extracellular matrix,plays an important role in tumorigenesis and invasion in oral cancer. It has been considered as an objective and effective marker to predict invasion and prognosis in various cancers.

For Research Use Only

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com
 Rev. V2.1