

Rabbit anti-Mouse, Rat BSG Polyclonal Antibody | anti-BSG antibody

BSG Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174080	Rabbit	Mouse, Rat	Immunohistochemistry, Western Blot

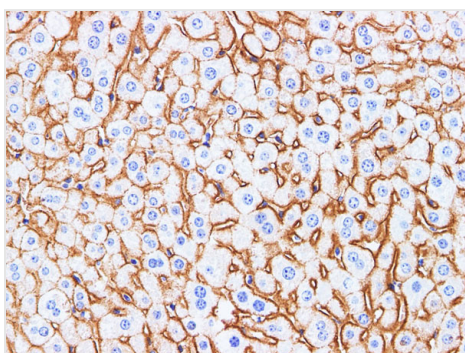
PRODUCT SYNONYMS

BSG; Polyclonal Antibody; BSG Polyclonal Antibody; 5A11 antigen; 5F7; BASI; Basigin (Ok blood group); Basigin; Blood brain barrier HT7 antigen; Bsg; CD 147; CD147; CD147 antigen; Collagenase stimulatory factor; EMMPRIN; Extracellular matrix metalloproteinase inducer; Leukocyte activation antigen M6; M 6; M6; M6 leukocyte activation antigen; Neurothelin; OK; OK blood group; OK blood group antigen; TCSF; Tumor cell derived collagenase stimulatory factor; Tumor cell-derived collagenase stimulatory factor; anti-BSG antibody

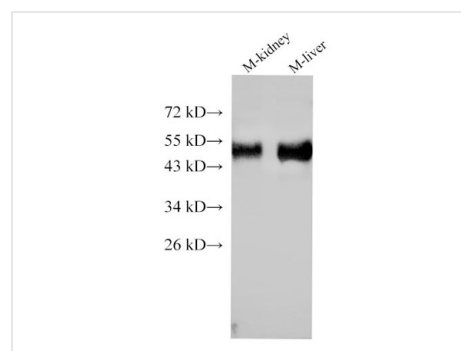
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Concentration	1 mg/mL (varies by lot)
Applicable Applications for anti-BSG antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Mouse Basigin protein
Conjugation	Unconjugated
Buffer	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

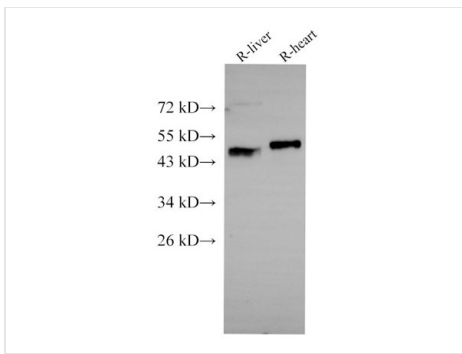
IMAGES


IHC (Immunohistochemistry)

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


WB (Western Blot)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-BSG antibody

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.

Product Categories/Family for anti-BSG antibody

[Cancer](#); [Cardiovascular](#); [Metabolism](#); [Immunology](#); [Neuroscience](#)

NCBI AND UNIPROT INFORMATION

UniProt Accession

[P18572](#)

Molecular Weight

30 kDa, 40-60 kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bsg-antibody-immunohistochemistry-western-blot-elisa/174080>