

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

BSG Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178650	Rabbit	Mouse, Rat	Immunohistochemistry, Western Blot

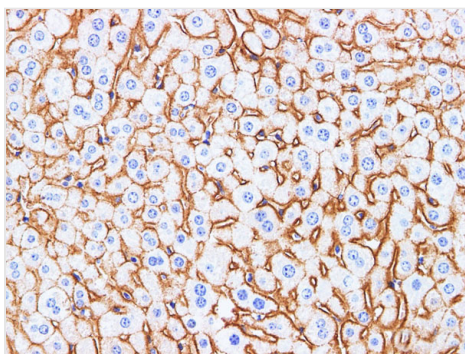
PRODUCT SYNONYMS

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

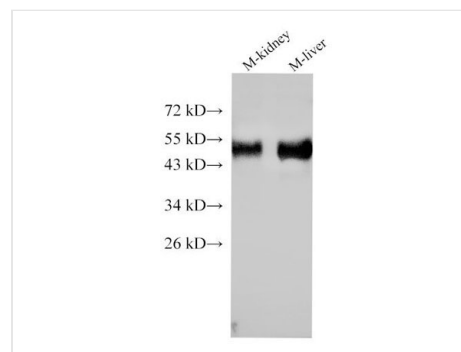
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Clone Number	#
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-BSG antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Mouse Basigin protein
Research Area	Cancer, Cardiovascular, Metabolism, Immunology, Neuroscience
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



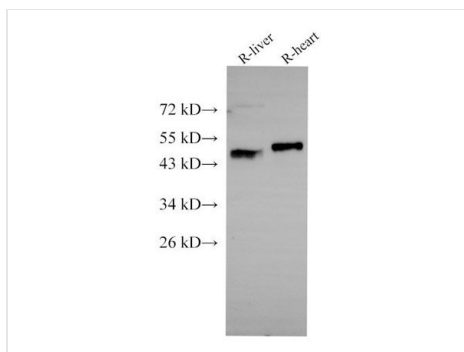
IHC (Immunohistochemistry)

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 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

[Antibodies](#); [Primary Antibodies](#); [Polyclonal Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	116014342
NCBI GeneID	12215
NCBI Accession #	NP_001070652.1
NCBI GenBank Nucleotide #	NM_001077184.1
UniProt Accession #	P18572 ; Q6LDB0 ; Q7TSC0
Molecular Weight	29,674 Da
NCBI Official Full Name	basigin isoform 2
NCBI Official Synonym Full Names	basigin
NCBI Official Symbol	Bsg
NCBI Official Synonym Symbols	HT-7; CD147; EMMPRIN; AI115436; AI325119
NCBI Protein Information	basigin; 5A11/Basigin; HT7 antigen; basic immunoglobulin superfamily; gp 42; membrane glycoprotein gp42; neurothelin
UniProt Protein Name	Basigin
UniProt Gene Name	Bsg
UniProt Entry Name	BASI_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/bsg-antibody-clone-immunohistochemistry-western-blot-elisa/178650>