Mouse ACSBG1 Monoclonal Antibody | anti-ACSBG1 antibody

ACSBG1 antibody

CATALOG #	HOST	APPLICATIONS
AAA74910	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence**

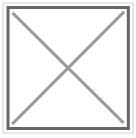
PRODUCT SYNONYMS

ACSBG1; Monoclonal Antibody; ACSBG1 antibody; Monoclonal ACSBG1; Anti-ACSBG1; acyl-CoA synthetase bubblegum family member 1; BGM; BG1; LPD; ACSBG 1; ACSBG-1; anti-ACSBG1 antibody

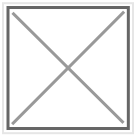
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1D8
Purity/Purification	ACSBG1 antibody was purified by affinity chromatography.
Form/Format	Affinity purified antibody supplied as a liquid in PBS, pH 7.3, with 1% BSA, 50% Glycerol, and 0.02% NaN3.
Concentration	0.74mg/ml (varies by lot)
Sequence Length	724
Applicable Applications for anti-ACSBG1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	ACSBG1 possesses long-chain acyl-CoA synthetase activity. It is thought to play a central role in brain very long-chain fatty acids metabolism and myelinogenesis.
Cross-Reactivity	Human
Immunogen	Full length human recombinant protein of human ACSBG1 produced in HEK293T cell.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemisry)
Immunohistochemical analysis of ACSBG1 protein in paraffin embedded Human kidney tissue using ACSBG1 antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant ACSBG1 protein (Right) or empty vector (Left) detected with ACSBG1 antibody

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant ACSBG1 protein using ACSBG1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ACSBG1 antibody	Mouse monoclonal ACSBG1 antibody
Product Categories/Family for anti-ACSBG1 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	27477105
NCBI GeneID	23205
NCBI Accession #	NP_055977
NCBI GenBank Nucleotide #	NM_015162.4
UniProt Accession #	Q96GR2; O75126; Q76N27; Q9HC26; B2RB61
NCBI Official Full Name	long-chain-fatty-acid--CoA ligase ACSBG1 isoform 1
NCBI Official Synonym Full Names	acyl-CoA synthetase bubblegum family member 1
NCBI Official Symbol	ACSBG1
NCBI Official Synonym Symbols	BG; BG1; BGM; LPD; GR-LACS
NCBI Protein Information	long-chain-fatty-acid--CoA ligase ACSBG1
UniProt Protein Name	Long-chain-fatty-acid--CoA ligase ACSBG1
UniProt Gene Name	**ACSBG1**
UniProt Synonym Gene Names	BGM; KIAA0631; LPD; hBG1; hsBG; hsBGM
UniProt Entry Name	ACBG1_HUMAN

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/monoclonal/acsbg1-antibody-clone-1d8-western-blot-immunohistochemistry-immunofluorescence-elisa/74910