

Product datasheet for **CF501175**

ACSBG1 Mouse Monoclonal Antibody [Clone ID: OTI2B5]

Product data:

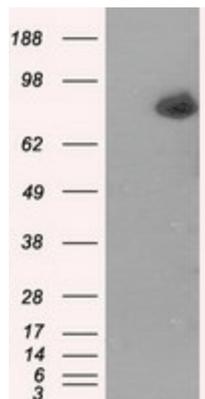
Product Type:	Primary Antibodies
Clone Name:	OTI2B5
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:500, IHC 1:50, IF 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ACSBG1(NP_055977) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	81.1 kDa
Gene Name:	acyl-CoA synthetase bubblegum family member 1
Database Link:	NP_055977 Entrez Gene 94180 Mouse Entrez Gene 171410 Rat Entrez Gene 23205 Human Q96GR2
Background:	The protein encoded by this gene 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. [provided by RefSeq]. COMPLETENESS: complete on the 3' end.



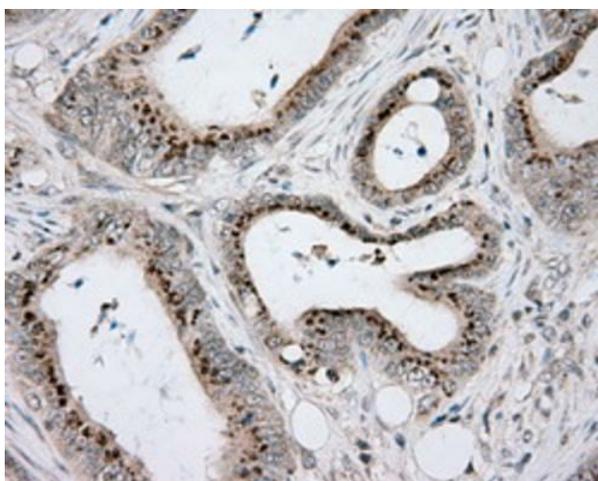
[View online »](#)

Synonyms: BG; BG1; BGM; GR-LACS; LPD

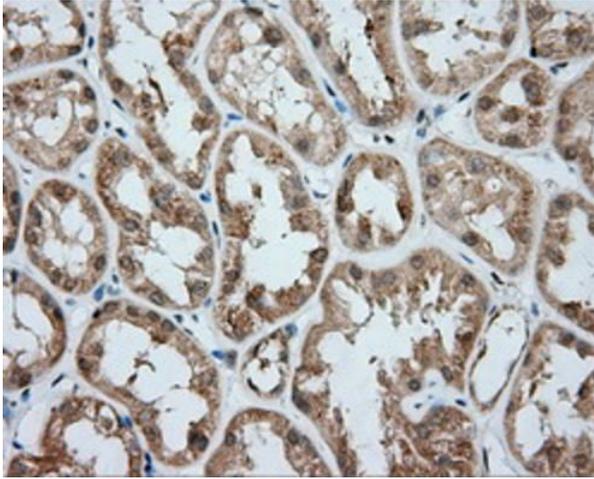
Product images:



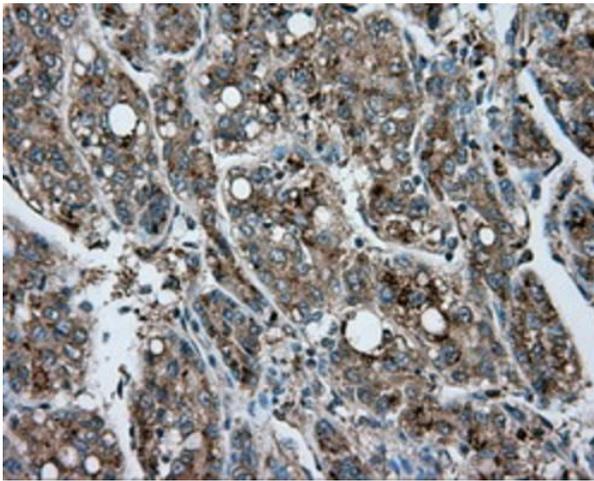
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ACSBG1 ([RC203219], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ACSBG1. Positive lysates [LY414754] (100ug) and [LC414754] (20ug) can be purchased separately from OriGene.



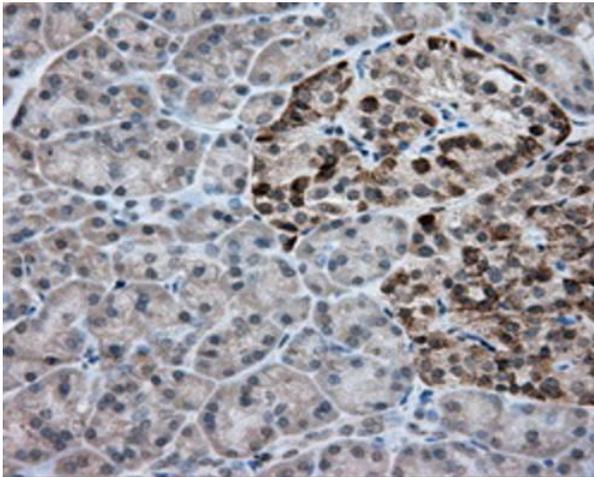
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-ACSBG1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501175])



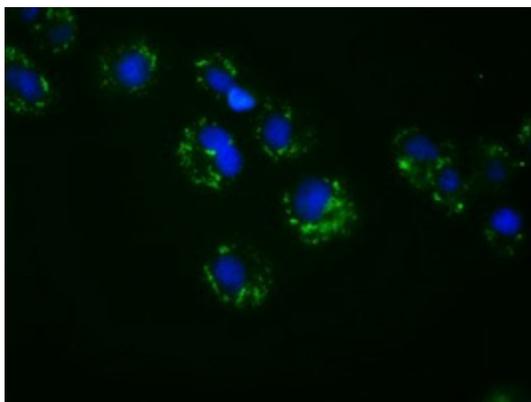
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-ACSBG1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501175])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-ACSBG1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501175])



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-ACSBG1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501175])



Anti-ACSBG1 mouse monoclonal antibody ([TA501175]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ACSBG1 ([RC203219]).