

ACSBG1 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14569**Specification**

ACSBG1 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O96GR2
Other Accession	NM_015162 , NP_055977
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79kDa KDa

ACSBG1 Antibody - N-terminal region - Additional Information**Gene ID** 23205**Alias Symbol** **BG, BG1, BGM, GR-LACS, LPD****Other Names**

Long-chain-fatty-acid--CoA ligase ACSBG1, 6.2.1.3, Acyl-CoA synthetase bubblgum family member 1, hBG1, hsBG, hsBGM, Lipidosin, ACSBG1, BGM, KIAA0631, LPD

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-ACSBG1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

ACSBG1 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

ACSBG1 Antibody - N-terminal region - Protein Information**Name** ACSBG1 ([HGNC:29567](#))**Synonyms** BGM, KIAA0631, LPD**Function**Catalyzes the conversion of fatty acids such as long-chain and very long-chain fatty acids to their active form acyl-CoAs for both synthesis of cellular lipids, and degradation via beta-oxidation (PubMed: [10954726](http://www.uniprot.org/citations/10954726), PubMed: [12975357](http://www.uniprot.org/citations/12975357), PubMed: [24269233](http://www.uniprot.org/citations/24269233)).

Can activate diverse saturated, monosaturated and polyunsaturated fatty acids (PubMed:10954726).

Cellular Location

Cytoplasm. Cytoplasmic vesicle. Microsome. Endoplasmic reticulum. Cell membrane

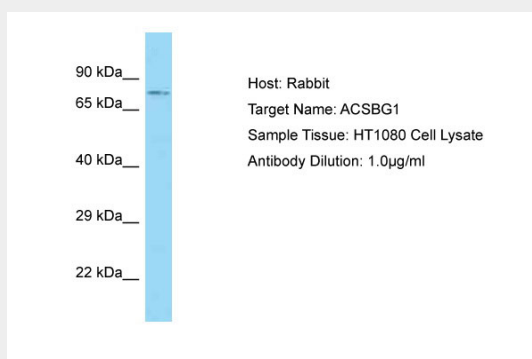
Tissue Location

Expressed primarily in brain. Expressed at lower level in testis and adrenal gland. Present in all regions of brain except pituitary.

ACSBG1 Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ACSBG1 Antibody - N-terminal region - Images

Host: Rabbit
Target Name: ACSBG1
Sample Tissue: HT1080 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

ACSBG1 Antibody - N-terminal region - References

Steinberg S.J.,et al.J. Biol. Chem. 275:35162-35169(2000).
Ishikawa K.,et al.DNA Res. 5:169-176(1998).
Nakajima D.,et al.DNA Res. 9:99-106(2002).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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