

DNAxPAb

Hard-to-Find  
Antibody

# ACSBG1 DNAxPab

Catalog # H00023205-W01P

Size 200 ug

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human ACSBG1 DNA using DNAx™ Immune technology.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Immunogen               | Full-length human DNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Sequence                | MPRNSGAGYGCPHGDPSMLDSRETPQESRQDMVRTTQEKLKTSSLTDRQPLSKESLNHALELS<br>VPEKVNNAQWDAPEEALWTTRADGRVRLRIDPSCPQLPYTVHRMFYEALDKYGDIALGFKRQD<br>KWEHISYSQYLLARRAAKGFLKGLKQAHSVAILGFNSPEWFFSAVGTVFAGGMTGYTTSSPEA<br>CQYIAYDCCANVIMVDTQKQLEKILKWKQLPHLKAVVIYEPPPNKMANVYTMEEFMELGNEVPE<br>EALDAIIDTQQPNQCCVLVYTS GTTGNPKGVMLSQDNITWTARYGSQAGDIRPAEVQQEVVVSYP<br>LSHIAAQYDLWTGIQWGAQVCFAEPDALKGSLVNTLREVEPTSHMGVPRVWEKIMERIQEVAAQ<br>SGFIRRKMLLWAMSVTLEQNLTCPGSDLKPF TTRLADYLV LAKVRQALGFAKCQKNFYGAAPMM<br>AETQHFFLGLNIRLYAGYGLSETSGPHFMSSPYNYRLYSSGKLVPGCRVKLVNQDAEGIGEICLWG<br>RTIFMGYLNMEDKTCEAIDEEGWLHTGDAGRLDADGFLYITGRLKELITAGGENVPPVPIEEAVKM<br>ELPIISNAMLIGDQRKFLSMLLTLKCTLDPDTS DQTDNLTEQAMEFCQRVGSRATTVSEIIEKKDEA<br>VYQAIEEGIRRVNMNAAARPYHIQKWAILERDFSISGGELGPTMKLKRLTVLEKYKGIIISFYQE QKM |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purification            | Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — ACSBG1

Entrez GeneID [23205](#)

GeneBank Accession# [NM\\_015162.3](#)

Protein Accession# [NP\\_055977.3](#)

Gene Name ACSBG1

Gene Alias BG1, BGM, FLJ30320, GR-LACS, KIAA0631, MGC14352, hBG1, hsBG

Gene Description acyl-CoA synthetase bubblegum family member 1

Gene Ontology [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** bubblegum|lipidosin|ortholog of rodent gonadotropin-regulated long chain acyl-CoA synthetase|very long-chain acyl-CoA synthetase

## Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)