

Datasheet

AGPAT2 MaxPab mouse polyclonal antibody (B01)

Catalog Number: H00010555-B01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human AGPAT2 protein.

Immunogen: AGPAT2 (NP_006403.2, 1 a.a. ~ 278 a.a) full-length human protein.

Sequence:

MELWPCLAAALLLLLLLVQLSRAAEFYAKVALYCALCF
TVSAVASLVCLLRHGGRTVENMSIIGWVRSFKYFYGL
RFEVRDPRRLQEARPCVIVSNHQSILDMMLMEVLPE
RCVQIAKRELLFLGPVGLIMYLGGVFFINRQRSSTAMT
VMADLGERMVRENKLVWIYPEGTRNDNGDLLPFKKG
AFYLAVQAQVPIVPVYSSFSFYNTKKKFFTSGLTVTV
QVLEAIPTSGLTAADVPAALVDTCHRAMRTTFLHISKTP
QENGATAGSGVQPAQ

Host: Mouse

Reactivity: Human

Applications: WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 10555

Gene Symbol: AGPAT2

Gene Alias: 1-AGPAT2, BSCL, BSCL1, LPAAB, LPAAT-beta

Gene Summary: This gene encodes a member of the 1-acylglycerol-3-phosphate O-acyltransferase family. The protein is located within the endoplasmic reticulum

membrane and converts lysophosphatidic acid to phosphatidic acid, the second step in de novo phospholipid biosynthesis. Mutations in this gene have been associated with congenital generalized lipodystrophy (CGL), or Berardinelli-Seip syndrome, a disease characterized by a near absence of adipose tissue and severe insulin resistance. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]