

## Datasheet

### AGPAT1 purified MaxPab mouse polyclonal antibody (B01P)

**Catalog Number:** H00010554-B01P

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse polyclonal antibody raised against a full-length human AGPAT1 protein.

**Immunogen:** AGPAT1 (AAH02402, 1 a.a. ~ 283 a.a) full-length human protein.

**Sequence:**

MDLWPGAWMLLLLLFLLLLFLLPTLWFCSPSAKYFFKM  
AFYNGWILFLAVLAIPVCAVRGRNVENMKILRLMLLHIK  
YLYGIRVEVRGAHHFPPSQPYVVVSNHQSSDLLGMM  
EVLPGRCVPIAKRELLWAGSAGLACWLAGVIFIDRKRT  
GDAISMSEVAQTLLTQDVRVWVFPEGTRNHNGSML  
PFKRGAFHLAVQAQVPIVPIVMSSYQDFYCKKERRFTS  
GQCQVRVLPVPTEGLTPDDVPALADRVRHSMILTVER  
EISTDGRGGGDYLLKKPGGGG

**Host:** Mouse

**Reactivity:** Human

**Applications:** Det Ab, 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:** In 1x PBS, pH 7.4

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

**Entrez GeneID:** 10554

**Gene Symbol:** AGPAT1

**Gene Alias:** 1-AGPAT1, G15, LPAAT-alpha, LPAATA, MGC4007, MGC5423

**Gene Summary:** This gene encodes an enzyme that converts lysophosphatidic acid (LPA) into phosphatidic acid (PA). LPA and PA are two phospholipids involved in

signal transduction and in lipid biosynthesis in cells. This enzyme localizes to the endoplasmic reticulum. This gene is located in the class III region of the human major histocompatibility complex. Alternative splicing results in two transcript variants encoding the same protein. [provided by RefSeq]