

Product datasheet for **TA504144BM**

AGPAT5 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI2C4]

Product data:

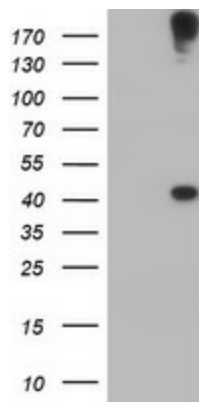
| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2C4 |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | WB 1:2000, IHC 1:150, IF 1:100 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human AGPAT5(NP_060831) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | HRP |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 41.9 kDa |
| Gene Name: | 1-acylglycerol-3-phosphate O-acyltransferase 5 |
| Database Link: | NP_060831 Entrez Gene 55326 Human Q9NUQ2 |
| Background: | This gene encodes a member of the 1-acylglycerol-3-phosphate O-acyltransferase family. This integral membrane protein converts lysophosphatidic acid to phosphatidic acid, the second step in de novo phospholipid biosynthesis. [provided by RefSeq]. COMPLETENESS: complete on the 3' end. |
| Synonyms: | 1AGPAT5; LPAATE |



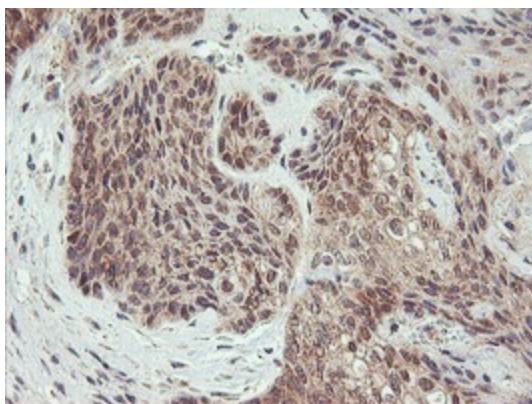
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Protein Families: Transmembrane

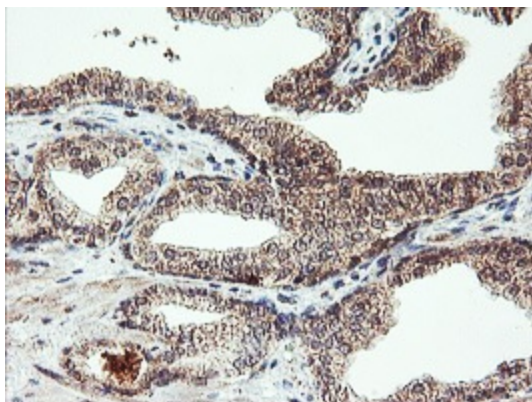
Product images:



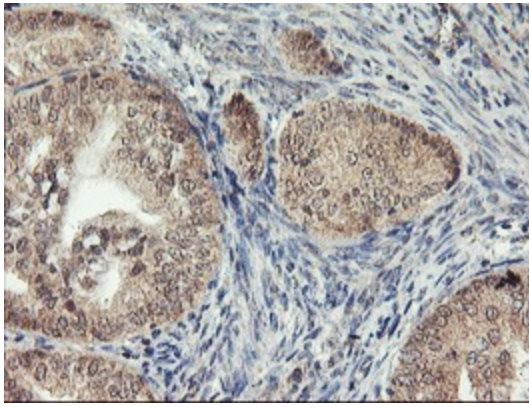
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AGPAT5 ([RC210280], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AGPAT5. Positive lysates [LY413113] (100ug) and [LC413113] (20ug) can be purchased separately from OriGene.



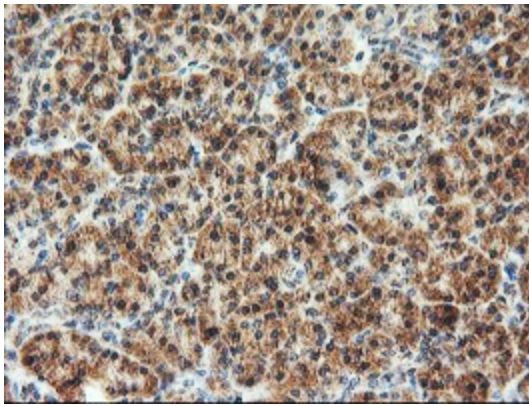
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-AGPAT5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504144])



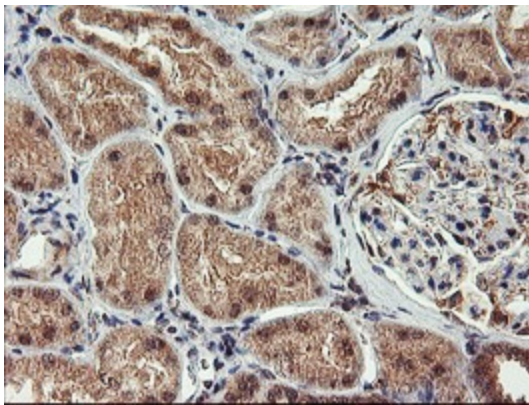
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-AGPAT5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504144])



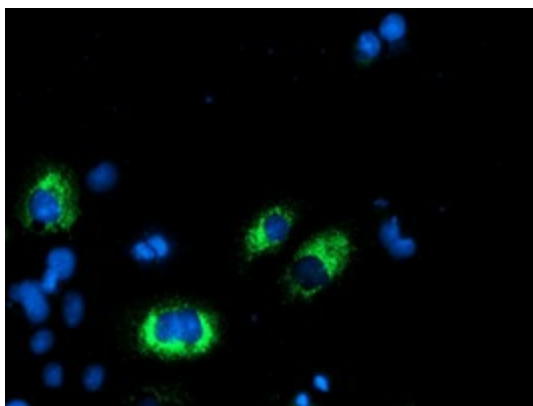
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-AGPAT5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504144])



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-AGPAT5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504144])



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-AGPAT5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504144])



Anti-AGPAT5 mouse monoclonal antibody ([TA504144]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY AGPAT5 ([RC210280]).