

## Product datasheet for **TA321869S**

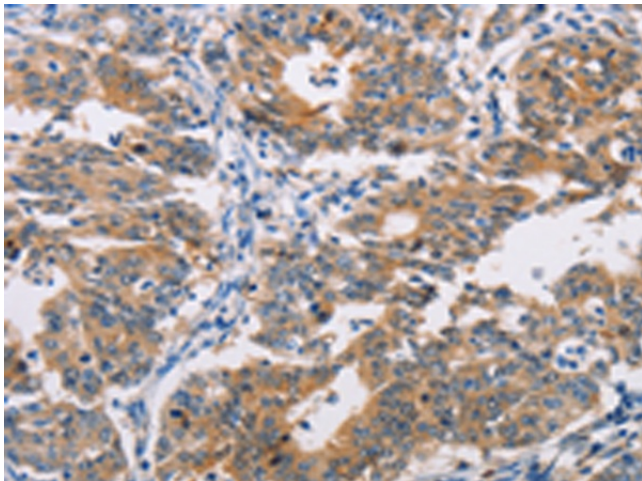
### 1 AGP acyltransferase 4 (AGPAT4) Rabbit Polyclonal Antibody

#### Product data:

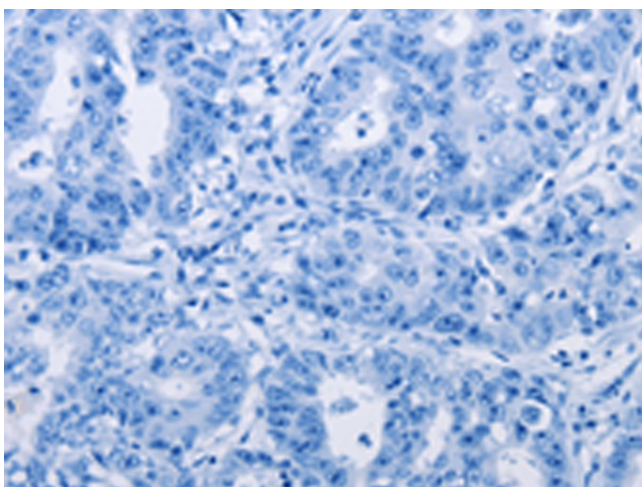
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human gastric cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 146-306 amino acids of human 1-acylglycerol-3-phosphate O-acyltransferase 4
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	1-acylglycerol-3-phosphate O-acyltransferase 4
Database Link:	<a href="#">NP_064518</a> <a href="#">Entrez Gene 68262 Mouse</a> <a href="#">Entrez Gene 170919 Rat</a> <a href="#">Entrez Gene 56895 Human</a> <a href="#">Q9NRZ5</a>
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.
Synonyms:	1-AGPAT4; dj473j16.2; LPAAT-delta
Protein Families:	Transmembrane
Protein Pathways:	Ether lipid metabolism, Glycerolipid metabolism, Glycerophospholipid metabolism, Metabolic pathways



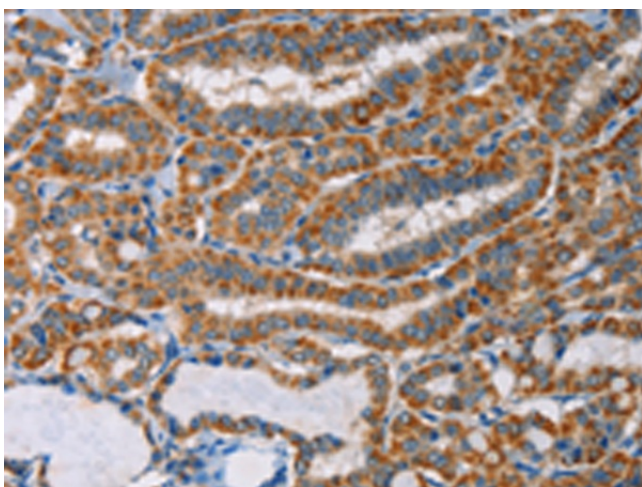
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**Product images:**

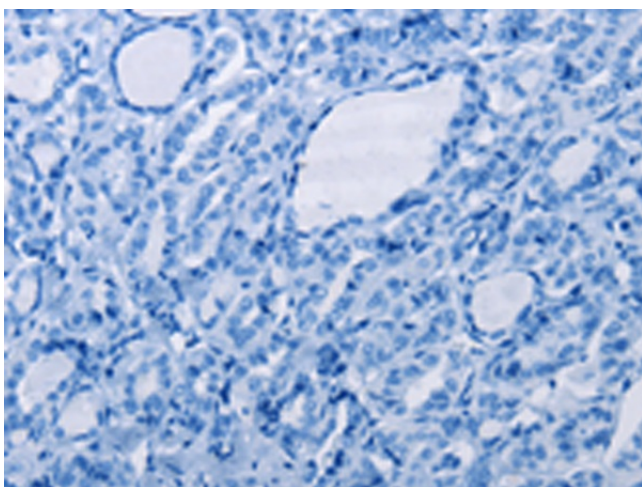
Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA321869] (AGPAT4 Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA321869] (AGPAT4 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA321869] (AGPAT4 Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA321869] (AGPAT4 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification:  $\times 200$ )