



## Rabbit Anti-AGPAT5 antibody

SL12451R

<b>Product Name:</b>	AGPAT5
<b>Chinese Name:</b>	溶血磷脂酰基转移酶5抗体
<b>Alias:</b>	1 acyl sn glycerol 3 phosphate acyltransferase epsilon; 1 acylglycerol 3 phosphate O acyltransferase 5; 1 AGP acyltransferase 5; 1 AGPAT 5; 1 AGPAT5; 1-acyl-sn-glycerol-3-phosphate acyltransferase epsilon; 1-acylglycerol-3-phosphate O-acyltransferase 5 (lysophosphatidic acid acyltransferase, epsilon); 1-acylglycerol-3-phosphate O-acyltransferase 5; 1-AGP acyltransferase 5; 1-AGPAT 5; 1acylglycerol3phosphate Oacyltransferase 5 (lysophosphatidic acid acyltransferase, epsilon); 1acylglycerol3phosphate Oacyltransferase 5; 1acylglycerol3phosphate Oacyltransferase5 (lysophosphatidic acid acyltransferase, epsilon); 1AGP acyltransferase 5; 1AGPAT5; AGPAT5; LPAAT e; LPAAT epsilon; LPAAT-epsilon; LPAATE; Lysophosphatidic acid acyltransferase epsilon; PLCE HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	42kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human LPAAT-epsilon/AGPAT5:188-285/364
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year

	when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>Phosphatidic acid and lysophosphatidic acid are phospholipids involved in lipid biosynthesis and signal transduction. LPAAT-epsilon (lysophosphatidic acid acyltransferase epsilon, also designated 1-AGP acyltransferase 5 (AGPAT5)) catalyzes the synthesis of phosphatidic acid from lysophosphatidic acid. LPAAT-epsilon is a membrane-bound protein belonging to the LPAAT family. Members of the LPAAT family have a well-known role in lipid biosynthesis and they may also play a role in tumor progression. LPAAT-epsilon is expressed in a tissue-specific manner in prostate and testis. LPAAT-epsilon is most closely related to AGPAT8, which is highly expressed in heart.</p> <p><b>Function:</b> Converts lysophosphatidic acid (LPA) into phosphatidic acid by incorporating an acyl moiety at the sn-2 position of the glycerol backbone.</p> <p><b>Subcellular Location:</b> Membrane; Multi-pass membrane protein (Potential).</p> <p><b>Similarity:</b> Belongs to the 1-acyl-sn-glycerol-3-phosphate acyltransferase family.</p> <p><b>SWISS:</b> Q9NUQ2</p> <p><b>Gene ID:</b> 55326</p> <p><b>Database links:</b>  <a href="#">Entrez Gene: 55326</a>Human  <a href="#">Entrez Gene: 100233172</a>Pig  <a href="#">Entrez Gene: 530414</a>Cow  <a href="#">SwissProt: Q9NUQ2</a>Human  <a href="#">Unigene: 624002</a>Human</p> <p><b>Important Note:</b> This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.</p>