兔抗 PLAAT3 多克隆抗体

中文名称：兔抗 PLAAT3 多克隆抗体

英文名称： Anti-PLAAT3 rabbit polyclonal antibody

别　名： phospholipase A and acyltransferase 3; AdPLA; HRSL

相关类别： 一抗

储　存： 冷冻（-20℃）

宿　主： Rabbit

抗　原： PLAAT3

反应种属： Human, Mouse, Rat

标记物： Unconjugate

克隆类型： rabbit polyclonal

技术规格

IHC Recommend dilution:	30-150
IHC positive control:	Human thyroid cancer and Human tonsil
SwissProt:	P53816
Synonyms:	AdPLA; HRSL3; HRASLS3; HREV107; PLA2G16; PLAAT-3; H-REV107; HREV107-1; HREV107-3; H-REV107-1
Full name:	phospholipase A and acyltransferase 3
Immunogen:	Synthetic peptide of human PLAAT3
Name of antibody:	PLAAT3
Applications:	ELISA, IHC
Background:	Exhibits both phospholipase A1/2 and acyltransferase activities (PubMed:19615464, PubMed:19047760, PubMed:22

	825852, PubMed:22605381, PubMed:26503625). Shows phospholipase A1 (PLA1) and A2 (PLA2) activity, catalyzing the calcium-independent release of fatty acids from the sn-1 or sn-2 position of glycerophospholipids (PubMed:19615464, PubMed:19047760, PubMed:22825852, PubMed:22605381, PubMed:22923616). For most substrates, PLA1 activity is much higher than PLA2 activity (PubMed:19615464). Shows O-acyltransferase activity,catalyzing the transfer of a fatty acyl group from glycerophospholipid to the hydroxyl group of lysophospholipid (PubMed:19615464). Shows N-acyltransferase activity, catalyzing the calcium-independent transfer of a fatty acyl group at the sn-1 position of phosphatidylcholine (PC) and other glycerophospholipids to the primary amine of phosphatidylethanolamine (PE), forming N-acylphosphatidylethanolamine (NAPE), which serves as precursor for N-acylethanolamines (NAEs) (PubMed:19615464, PubMed:19047760, PubMed:22825852, PubMed:22605381). Exhibits high N-acyltransferase activity and low phospholipase A1/2 activity (PubMed:22825852).

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