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CDS1 Rabbit pAb

货号: **AYP19201**

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	53kDa
实测分子量	57kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
偶联物	Unconjugated
阳性对照	OVCA3, U-87MG, 293T
细胞定位	Endoplasmic reticulum membrane, Multi-pass membrane protein
纯化	Affinity purification

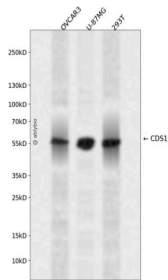
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-80 of human CDS1 (N P_001254.2).
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靶点信息

研究背景	Breakdown products of phosphoinositides are ubiquitous second messengers that function downstream of many G protein-coupled receptors and tyrosine kinases regulating cell growth, calcium metabolism, and protein kinase C activity. This gene encodes an enzyme which regulates the amount of phosphatidylinositol available for signaling by catalyzing the conversion of phosphatidic acid to CDP-diacylglycerol. This enzyme is an integral membrane protein localized to two subcellular domains, the matrix side of the inner mitochondrial membrane where it is thought to be involved in the synthesis of phosphatidylglycerol and cardiolipin and the cytoplasmic side of the endoplasmic reticulum where it functions in phosphatidylinositol biosynthesis. Two genes encoding this enzyme have been identified in humans, one mapping to human chromosome 4q21 and a second to 20p13.
基因ID	1040
基因名	CDS1
Swiss	Q92903 (https://www.uniprot.org/uniprotkb/Q92903/entry)
别名	CDS1,CDS,CDS1 Rabbit pAb,CDP-DAG synthase 1,CDP-DG synthase 1,CDP-diacylglycerol synthase 1,CDP-diglyceride pyrophosphorylase 1,CDP-diglyceride synthase 1,CTP:phosphatidate cytidyltransferase 1

产品验证



Western blot analysis of CDS1 expressed in OVCAR3,U-87MG,293T using CDS1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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