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CCDC47 Rabbit pAb

货号: **AYP18157**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:200
理论分子量	55kDa
实测分子量	60kDa
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	LO2,OVCAR3,Mouse lung
细胞定位	Membrane,Single-pass membrane protein
纯化	Affinity purification

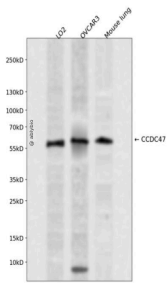
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 224-483 of human CCD C47 (NP_064583.2).
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靶点信息

研究背景	Component of the PAT complex, an endoplasmic reticulum (ER-resident membrane multiprotein complex that facilitates multi-pass membrane proteins insertion into membranes. The PAT complex acts as an intra membrane chaperone by directly interacting with nascent transmembrane domains (TMDs), releasing its substrates upon correct folding, and is needed for optimal biogenesis of multi-pass membrane proteins. WDR83OS/Asterix is the substrate-interacting subunit of the PAT complex, whereas CCDC47 is required to maintain the stability of WDR83OS/Asterix. The PAT complex favors the binding to TMDs with exposed hydrophilic amino acids within the lipid bilayer and provides a membrane-embedded partially hydrophilic environment in which the first transmembrane domain binds. Component of a ribosome-associated ER translocon complex involved in multi-pass membrane protein transport into the ER membrane and biogenesis. Involved in the regulation of calcium ion homeostasis in the ER. Required for proper protein degradation via the ERAD (ER-associated degradation pathway). Has an essential role in the maintenance of ER organization during embryogenesis (By similarity).
基因ID	57003
基因名	CCDC47
Swiss	Q96A33 (https://www.uniprot.org/uniprotkb/Q96A33/entry)
别名	CCDC47,GK001,MSTP041,CCDC47 Rabbit pAb,Calumin,Coiled-coil domain-containing protein 47

产品验证



Western blot analysis of CCDC47 expressed in LO2,OVCAR3,Mouse lung using CCDC47 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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