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CAD Rabbit mAb

货号: AYM30837

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IF/ICC IP FC
推荐浓度	**WB:** 1:500 - 1:2000 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50 **FC:** 1:20 - 1:50
理论分子量	242kDa
实测分子量	260kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	SW620,HepG2,HeLa,HL-60
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

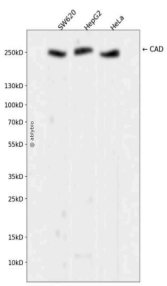
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human CAD.

靶点信息

研究背景	The de novo synthesis of pyrimidine nucleotides is required for mammalian cells to proliferate. This gene encodes a trifunctional protein which is associated with the enzymatic activities of the first 3 enzymes in the 6-step pathway of pyrimidine biosynthesis: carbamoylphosphate synthetase (CPS II), aspartate transc arbamoylase, and dihydroorotase. This protein is regulated by the mitogen-activated protein kinase (MAP K) cascade, which indicates a direct link between activation of the MAPK cascade and de novo biosynthes is of pyrimidine nucleotides. Alternative splicing results in multiple transcript variants encoding different i soforms.
基因ID	790
基因名	CAD
Swiss	P27708 (https://www.uniprot.org/uniprotkb/P27708/entry)
别名	CAD,CAD Rabbit mAb,Carbamoyl phosphate synthetase 2-aspartate transcarbamylase-dihydroorotase

产品验证



Western blot analysis of CAD expressed in SW620,HepG2,HeLa using CAD Rabbit mAb at 1:1000. Seconda ry 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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