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CAD (Phospho-Thr456) Antibody

货号: **AYP4533**

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ELISA
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
理论分子量	242kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. 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	Synthesized peptide derived from Human CAD (Phospho-Thr456).
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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 transcarbamoylase, and dihydroorotase. This protein is regulated by the mitogen-activated protein kinase (MAPK) cascade, which indicates a direct link between activation of the MAPK cascade and de novo biosynthesis of pyrimidine nucleotides. Alternative splicing results in multiple transcript variants encoding different isoforms.
基因ID	790
基因名	CAD
Swiss	P27708 (https://www.uniprot.org/uniprotkb/P27708/entry)
别名	CAD,CDG1Z,EIEE50,GATD4,CAD (Phospho-Thr456) Antibody,Carbamoyl phosphate synthetase 2-aspartate transcarbamylase-dihydroorotase,CAD (Phospho-Thr456)

产品验证

实验步骤

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