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p38 (YD11498) Rabbit mAb

货号: AYD15981

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB ICC/IF FC IP
推荐浓度	**WB: 1:1000-1:5000:** **ICC/IF: 1:100-1:500:** **FC: 1:20-1:50:** **IP: 1:10-1:100:**
理论分子量	41kDa
实测分子量	38KD-41KD
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	HeLa,BxPC-3,Mouse testis,Rat kidney
细胞定位	Cytoplasm, Nucleus
纯化	亲和纯化

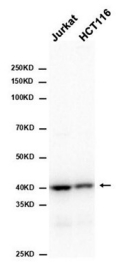
抗原信息

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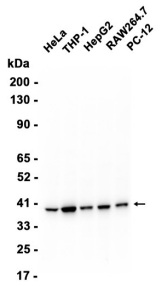
靶点信息

研究背景	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is activated by various environmental stresses and proinflammatory cytokines. The activation requires its phosphorylation by MAP kinase kinases (MKKs), or its autophosphorylation triggered by the interaction of MAP3K7IP1/TAB1 protein with this kinase. The substrates of this kinase include transcription regulator ATF2, MEF2C, and MAX, cell cycle regulator CDC25B, and tumor suppressor p53, which suggest the roles of this kinase in stress related transcription and cell cycle regulation, as well as in genotoxic stress response. Four alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.
基因ID	1432
基因名	MAPK14
Swiss	Q16539 (https://www.uniprot.org/uniprotkb/Q16539/entry)
别名	p38 (YD11498),p38 (YD11498) Rabbit mAb,MAPK14,Cytokine suppressive anti-inflammatory drug-binding protein,MAP kinase MXI2,MAX-interacting protein 2,Mitogen-activated protein kinase p38 alpha,Stress-activated protein kinase 2a,CSBP,CSBP1,CSBP2,CSPB1,MXI2,SAPK2A

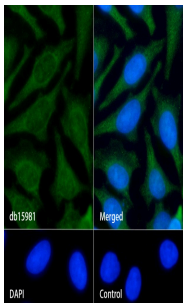
产品验证



Western blot analysis of extracts from Jurkat, HCT116 cells using AYD15981 at 1:1000.



Western blot analysis of extracts from HeLa，THP-1,HepG2,RAW264.7,PC-12 cells using AYD15981 at 1:500.



Immunofluorescence analysis of HeLa cells labelling p38 with The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1 h. The cells were then incubate with AYD15981 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit lgG (H+L)-AF488 . Nuclear DNA was labeled in blue with DAPI.

实验步骤

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