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DUSP4 (YD14131) Rabbit mAb

货号: AYD15417

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: 1:1000-1：3000:** **ICC/IF: 1:100-1：300:** **FC: 1:20:** **IP: 1:20:**
理论分子量	43kDa
实测分子量	43 kDa
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	COS-7,HeLa,A375
细胞定位	Nucleus
纯化	亲和纯化

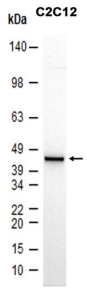
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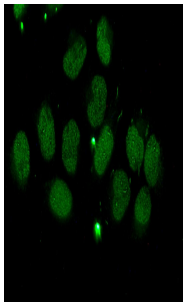
靶点信息

研究背景	The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. Thes e phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine a nd phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which are associated with cellular proliferation and differ entiation. Different members of the family of dual specificity phosphatases show distinct substrate specifi cities for various MAP kinases, different tissue distribution and subcellular localization, and different mod es of inducibility of their expression by extracellular stimuli. This gene product inactivates ERK1, ERK2 an d JNK, is expressed in a variety of tissues, and is localized in the nucleus. Two alternatively spliced transcr ipt variants, encoding distinct isoforms, have been observed for this gene. In addition, multiple polyadeny lation sites have been reported.
基因ID	1846
基因名	DUSP4
Swiss	Q13115 (https://www.uniprot.org/uniprotkb/Q13115/entry)
别名	DUSP4 (YD14131),DUSP4 (YD14131) Rabbit mAb,DUSP4,Dual specificity protein phosphatase hVH2,Mitog en-activated protein kinase phosphatase 2,MKP2,VH2

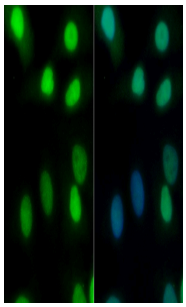
产品验证



Western blot analysis of extracts from C2C12 cells using DUSP4 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling DUSP4 with . The cells were fixed with cold 100% me thanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 f or 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room t emprature for 1h.



Immunofluorescence analysis of A549 cells labelling DUSP4 with The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat s erum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with DUSP4 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit I gG (H+L)-AF488 . Nuclear DNA was labeled in blue with DAPI.

实验步骤

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