

产品名称: NDR1/2 (Phospho-Thr444/442) Rabbit Polyclonal Antibody
产品货号: APRab05817



产品概述 (Summary)

产品名称 (Production Name)	NDR1/2 (Phospho-Thr444/442) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	STK38
别名 (Alternative Names)	Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nuclear Dbf2-related kinase 1)
基因 ID (Gene ID)	11329.0
蛋白 ID (SwissProt ID)	Q15208.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000
蛋白分子量 (Molecular Weight)	51kDa

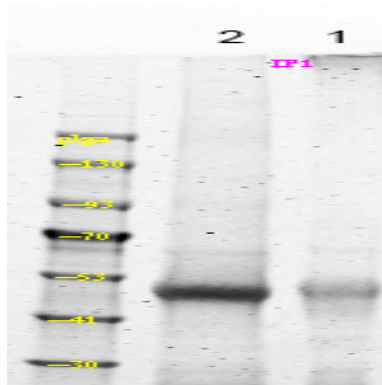
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研究背景 (Background)

catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by binding of S100B which releases autoinhibitory N-lobe interactions, enabling ATP to bind and the autophosphorylation of Ser-281. Thr-444 then undergoes calcium-dependent phosphorylation by an upstream kinase. Interactions between phosphorylated Thr-444 and the N-lobe promote additional structural changes that complete the activation of the kinase. Autoinhibition is also released by the binding of MOB1/MOBKL1A and MOB2/HCCA2 to the N-terminal of STK38.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 1 protein kinase domain.,subcellular location:Low levels present in the cytoplasm.,subunit:Homodimeric S100B binds two molecules of STK38. Interacts with MOB1 and MOB2.,tissue specificity:Ubiquitously expressed with highest levels observed in peripheral blood leukocytes.,

研究领域 (Research Area)

图片 (Image Data)



Western Blot analysis of 1 MCF-7 cell 2 LPS 100ng/mL 30min treated ,using primary antibody at 1:1000 dilution.
Secondary antibody was diluted at 1:10000

注意事项 (Note)

For research use only .