

产品名称: TBK1 (Phospho Ser172) Rabbit Monoclonal Antibody
产品货号: AMRe36756



产品概述 (Summary)

产品名称 (Production Name)	TBK1 (Phospho Ser172) Rabbit Monoclonal Antibody
描述 (Description)	Rabbit Monoclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IF,IP,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phospho
同种型 (Isotype)	IgG,Kappa
克隆 (Clonality)	Monoclonal
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)	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
纯化方式 (Purification)	Protein A

免疫原信息 (Immunogen)

基因名 (Gene Name)	TBK1; NAK
别名 (Alternative Names)	Serine/threonine-protein kinase TBK1; NF-kappa-B-activating kinase; T2K; TANK-binding kinase 1
基因 ID (Gene ID)	Human:2911; Mouse:56480

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蛋白 ID (SwissProt ID)	Human:Q9UHD2; Mouse:Q9WUN2
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产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW:84kDa; Observed MW:84kDa

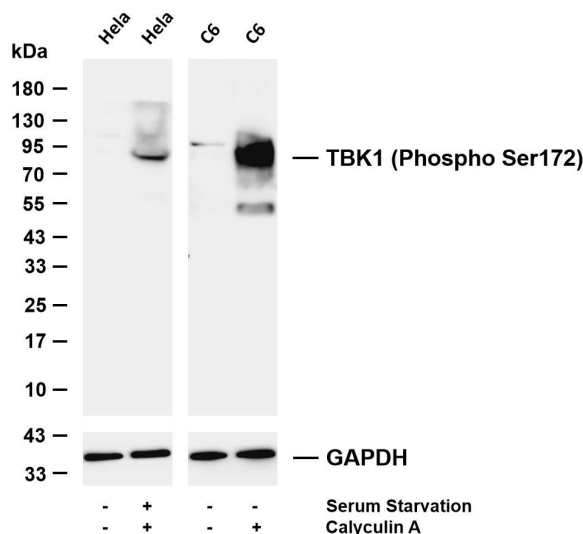
研究背景 (Background)

The NAK/TBK1 also known as TANK-binding kinase 1 is a fundamental protein kinase in various cellular processes. It is expressed in many tissues including lymphoid organs and the brain. NAK acts as a serine/threonine-protein kinase which transfers a phosphate group to specific substrates modulating their function and activity. Phosphorylation by TBK1 initiates several signaling events making it an important regulator in immune responses and inflammatory signaling pathways.

研究领域 (Research Area)

Immunology & Infectious Disease

图片 (Image Data)



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-TBK1 (Phospho Ser172) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the



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antibody. Lane 1: Hela; Lane 2: Hela serum was starved overnight and treated with 20% FBS and Calyculin A (100nM) for 15 minutes. Lane 3: C6; Lane 4: C6 was treated with Calyculin A(100nM) for 30 minutes. Predicted band size: 84kDa; Observed band size: 84kDa

注意事项 (Note)

For research use only.