

产品名称: Phospho-TAOK1/2/3 (Ser181/Ser181/Ser177)
Rabbit Monoclonal Antibody
产品货号: AMRe02878



产品概述 (Summary)

产品名称 (Production Name)	Phospho-TAOK1/2/3 (Ser181/Ser181/Ser177) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
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)	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)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TAOK1/TAOK2/TAOK3
别名 (Alternative Names)	DPK; JIK; hKFC-A; MAP3K18
基因 ID (Gene ID)	51347/57551/9344
蛋白 ID (SwissProt ID)	Q7L7X3/Q9H2K8/Q9UL54.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100
蛋白分子量 (Molecular Weight)	Calculated MW: 116 kDa; Observed MW: 105,116,138 kDa

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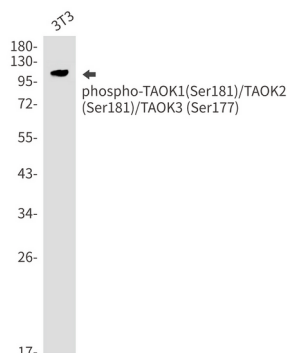
研究背景 (Background)

Serine/threonine-protein kinase involved in various processes such as p38/MAPK14 stress-activated MAPK cascade, DNA damage response and regulation of cytoskeleton stability. Phosphorylates MAP2K3, MAP2K6 and MARK2. Acts as an activator of the p38/MAPK14 stress-activated MAPK cascade by mediating phosphorylation and subsequent activation of the upstream MAP2K3 and MAP2K6 kinases. Involved in G-protein coupled receptor signaling to p38/MAPK14. In response to DNA damage, involved in the G2/M transition DNA damage checkpoint by activating the p38/MAPK14 stress-activated MAPK cascade, probably by mediating phosphorylation of MAP2K3 and MAP2K6.

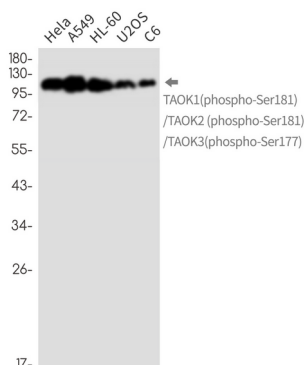
研究领域 (Research Area)

Signal Transduction; Cytoskeleton / ECM; Cytoskeleton; Microfilaments; Actin etc; Actin Assembly; Protein Phosphorylation; Ser / Thr Kinases; MAPK Pathway; Epigenetics and Nuclear Signaling; Cell cycle; Kinases/Phosphatases

图片 (Image Data)

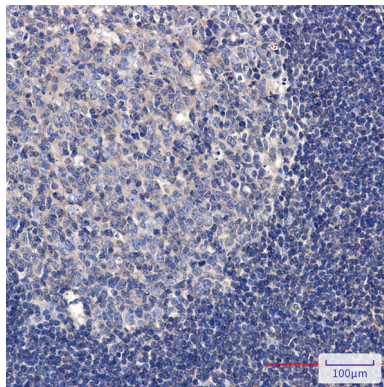


Western blot analysis of Phospho-TAOK1(Ser181)/TAOK2 (Ser181)/TAOK3 (Ser177) in 3T3 lysates using Phospho-TAOK1/2/3 (Ser181/Ser181/Ser177) antibody.



Western blot analysis of TAOK1 (Phospho-Ser181)/TAOK2 (Phospho-Ser181)/TAOK3 (Phospho-Ser177) in HeLa, A549, HL-60, U2OS, C6 lysates using TAOK1 (Phospho-Ser181)/TAOK2 (Phospho-Ser181)/TAOK3 (Phospho-Ser177) antibody.

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Immunohistochemistry analysis of paraffin-embedded Human tonsil using TAOK1 (Phospho-Ser181)/TAOK2 (Phospho-Ser181)/TAOK3 (Phospho-Ser177) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .