

产品名称: STK3 Rabbit Monoclonal Antibody
产品货号: AMRe02643



产品概述 (Summary)

产品名称 (Production Name)	STK3 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IP
种属反应性 (Reactivity)	Human,Mouse,Rat,Hamster

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
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)	STK3
别名 (Alternative Names)	STK3; Mess1; MST-2; MST2; Serine/threonine kinase 3; KRS1; STE20-like kinase MST2
基因 ID (Gene ID)	6788
蛋白 ID (SwissProt ID)	Q13188.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 56 kDa; Observed MW: 56 kDa

研究背景 (Background)

产品名称: STK3 Rabbit Monoclonal Antibody
产品货号: AMRe02643

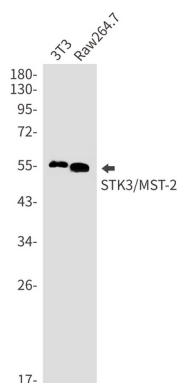


Stress-activated, pro-apoptotic kinase which, following caspase-cleavage, enters the nucleus and induces chromatin condensation followed by internucleosomal DNA fragmentation. Key component of the Hippo signaling pathway which plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein STK3/MST2 and STK4/MST1, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ.

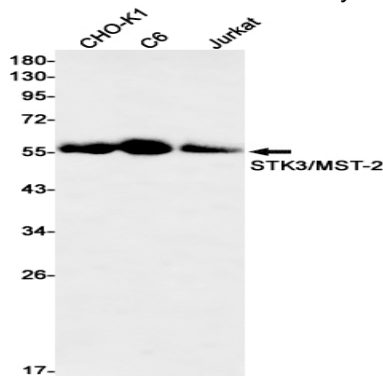
研究领域 (Research Area)

Cell Biology

图片 (Image Data)

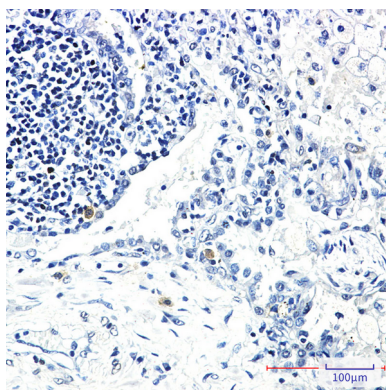


Western blot analysis of STK3/MST2 in 3T3, Raw264.7 lysates using STK3 antibody.



Western blot analysis of STK3/MST2 in CHO-K1, C6, Jurkat lysates using STK3/MST2 antibody.

产品名称: STK3 Rabbit Monoclonal Antibody
产品货号: AMRe02643



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using STK3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .