

产品名称: TESK1 Rabbit Polyclonal Antibody
产品货号: APRab18800



产品概述 (Summary)

产品名称 (Production Name)	TESK1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
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)	TESK1
别名 (Alternative Names)	TESK1; Dual specificity testis-specific protein kinase 1; Testicular protein kinase 1
基因 ID (Gene ID)	7016.0
蛋白 ID (SwissProt ID)	Q15569.The antiserum was produced against synthesized peptide derived from human TESK1. AA range:181-230

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	68kDa

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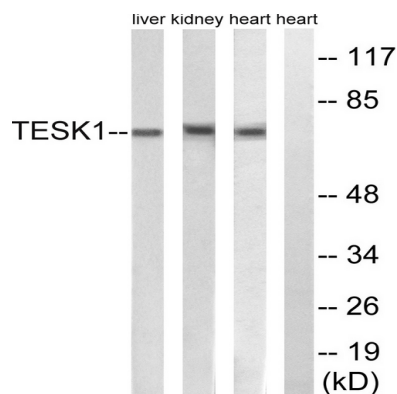
研究背景 (Background)

testis-specific kinase 1 (TESK1) Homo sapiens This gene product is a serine/threonine protein kinase that contains an N-terminal protein kinase domain and a C-terminal proline-rich domain. Its protein kinase domain is most closely related to those of the LIM motif-containing protein kinases (LIMKs). The encoded protein can phosphorylate myelin basic protein and histone in vitro. The testicular germ cell-specific expression and developmental pattern of expression of the mouse gene suggests that this gene plays an important role at and after the meiotic phase of spermatogenesis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015], catalytic activity: ATP + a protein = ADP + a phosphoprotein., cofactor: Magnesium., cofactor: Manganese., domain: The extracatalytic C-terminal part is highly rich in proline residues., enzyme regulation: Activated by autophosphorylation on Ser-220., function: Dual specificity protein kinase activity catalyzing autophosphorylation and phosphorylation of exogenous substrates on both serine/threonine and tyrosine residues. Probably plays a central role at and after the meiotic phase of spermatogenesis., PTM: Autophosphorylated on serine and tyrosine residues., similarity: Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family., similarity: Contains 1 protein kinase domain., subunit: Interacts with SPRY4.,

研究领域 (Research Area)

Regulation of Microtubule Dynamics

图片 (Image Data)



Western blot analysis of lysates from rat heart, rat kidney, and rat liver cells, using TESK1 Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .