

产品名称: TESK2 Rabbit Polyclonal Antibody
产品货号: APRab18801



产品概述 (Summary)

产品名称 (Production Name)	TESK2 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)	TESK2
别名 (Alternative Names)	TESK2; Dual specificity testis-specific protein kinase 2; Testicular protein kinase 2
基因 ID (Gene ID)	10420.0
蛋白 ID (SwissProt ID)	Q96S53.The antiserum was produced against synthesized peptide derived from human TESK2. AA range:201-250

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	65kDa

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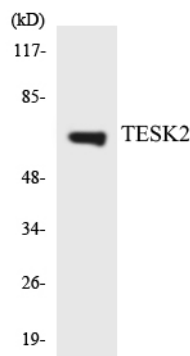
研究背景 (Background)

testis-specific kinase 2(TESK2) Homo sapiens This gene product is a serine/threonine protein kinase that contains an N-terminal protein kinase domain that is structurally similar to the kinase domains of testis-specific protein kinase-1 and the LIM motif-containing protein kinases (LIMKs). Its overall structure is most related to the former, indicating that it belongs to the TESK subgroup of the LIMK/TESK family of protein kinases. This gene is predominantly expressed in testis and prostate. The developmental expression pattern of the rat gene in testis suggests an important role for this gene in meiotic stages and/or early stages of spermiogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016],alternative products:Experimental confirmation may be lacking for some isoforms,catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,cofactor:Manganese.,enzyme regulation:Activated by autophosphorylation on Ser-219.,function:Dual specificity protein kinase activity catalyzing autophosphorylation and phosphorylation of exogenous substrates on both serine/threonine and tyrosine residues. Phosphorylates cofilin at 'Ser-3'. May play an important role in spermatogenesis.,similarity:Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,tissue specificity:Predominantly expressed in testis and prostate. Found predominantly in non-germinal Sertoli cells.,

研究领域 (Research Area)

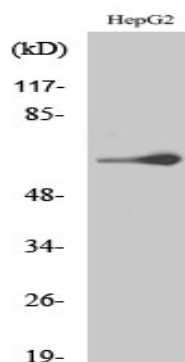
Regulation of Microtubule Dynamics

图片 (Image Data)



Western blot analysis of the lysates from K562 cells using TESK2 antibody.

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Western Blot analysis of various cells using TESK2 Polyclonal Antibody

注意事项 (Note)

For research use only .