

产品名称: TSSK 4 Rabbit Polyclonal Antibody
产品货号: APRab19376



产品概述 (Summary)

产品名称 (Production Name)	TSSK 4 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

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)	TSSK4
别名 (Alternative Names)	TSSK4; C14orf20; STK22E; TSSK5; Testis-specific serine/threonine-protein kinase 4; TSK-4; TSSK-4; Testis-specific kinase 4; Serine/threonine-protein kinase 22E
基因 ID (Gene ID)	283629.0
蛋白 ID (SwissProt ID)	Q6SA08.The antiserum was produced against synthesized peptide derived from human TSSK4. AA range:211-260

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	40kDa

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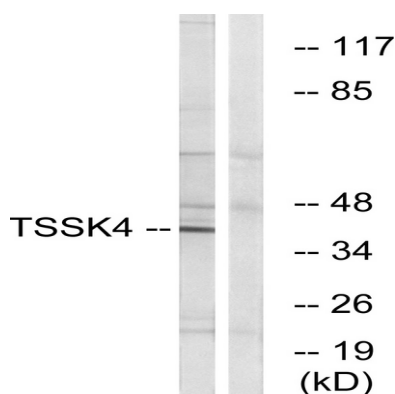


研究背景 (Background)

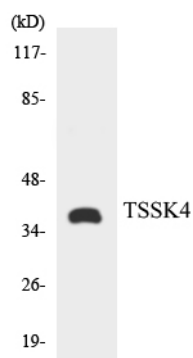
This gene encodes a member of the testis-specific serine/threonine kinase family. The encoded protein is thought to be involved in spermatogenesis via stimulation of the CREB/CRE responsive pathway through phosphorylation of the cAMP responsive element binding protein transcription factor. Alternative splicing results in multiple transcript variants.[provided by RefSeq, May 2010],catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Thr-197, potentially by autophosphorylation.,function:May be involved in a signaling pathway during male germ cell development or mature sperm function (By similarity). Phosphorylates CREB1 on Ser-133 and stimulates downstream signaling.,PTM:Autophosphorylated (By similarity). Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,tissue specificity:Expressed only in the testis.,

研究领域 (Research Area)

图片 (Image Data)

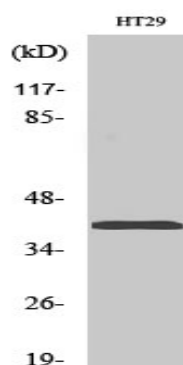


Western blot analysis of lysates from HT-29 cells, using TSSK4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using TSSK4 antibody.

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Western Blot analysis of various cells using TSSK 4 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .