

TSKS Rabbit pAb

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Catalog # AP54491

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9UJT2
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65050
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TSKS
Epitope Specificity	121-170/592
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasmic
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	TSKS is a 592 amino acid protein that is highly expressed in human testicular tissue. Low levels of TSKS are detectable in prostate, placenta, fetal liver, thymus, and mammary gland tissues. TSKS is found to be downregulated in cancerous testicular tissue from seminoma, teratocarcinoma, embryonal and Leydig cell tumors concurrently with high expression in neighboring premalignant carcinoma. TSKS protein contains an N-terminal signal peptide, but does not contain a transmembrane region. TSKS has many potential phosphorylation and glycosylation sites and is phosphorylated by soluble recombinant TSSK2 in vitro. It is thought that TSKS likely plays a physiological role in spermatogenesis or spermiogenesis.

Additional Information

Gene ID	60385
Other Names	Testis-specific serine kinase substrate, Testis-specific kinase substrate, STK22 substrate 1, TSKS, STK22S1, TSKS1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	TSKS
Synonyms	STK22S1, TSKS1
Function	May play a role in testicular physiology, most probably in the process of spermatogenesis or spermatid development.
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole Note=Concentrates in spermatid centrioles during flagellogenesis
Tissue Location	Highly expressed in testis. Expressed at low levels in prostate, female breast, placenta, ovary and thymus

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.