



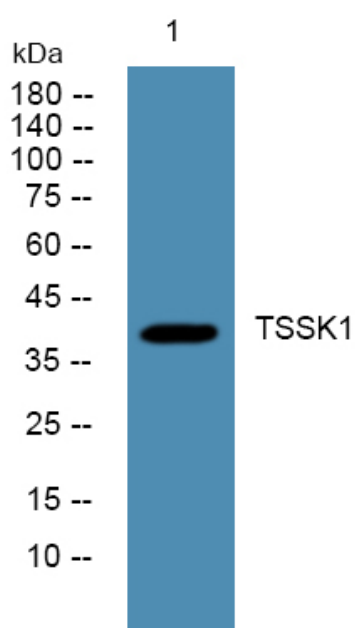
TSSK1 Polyclonal Antibody

Catalog No	YP-Ab-06755
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	TSSK1B SPOGA1 SPOGA4 STK22A STK22D TSSK1 FKSG81
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TSSK1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:2.7.11.1;Serine/threonine-protein kinase 22C;SPOGA3;STK22C;STK22D;TSSK1;TSSK1B SPOGA1 SPOGA4 STK22A STK22D TSSK1 FKSG81;Testis-specific serine/threonine-protein kinase 1 (TSK-1) (TSK1) (TSSK-1) (Testis-specific kinase 1) (EC 2.7.11.1) (Serine/threonine-protein kinase 22A)
Observed Band	40kD
Calculated Molecular Weight	40kD
Cell Pathway	Cytoplasm . Cytoplasmic vesicle, secretory vesicle, acrosome . Cell projection, cilium, flagellum . In spermatozoa, present in the sperm head and in the flagellum. .
Tissue Specificity	Testis-specific. Present in sperm (at protein level).
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein., cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Thr-174, potentially by autophosphorylation.,function:May be involved in a signaling pathway during male germ cell development or mature sperm function., PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily., similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,



Background	TSSK1 belongs to a family of serine/threonine kinases highly expressed in testis (Hao et al., 2004 [PubMed 15044604]).[supplied by OMIM, Mar 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night