

TSSK1 Rabbit pAb

CatalogNo: YN1889

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 40kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

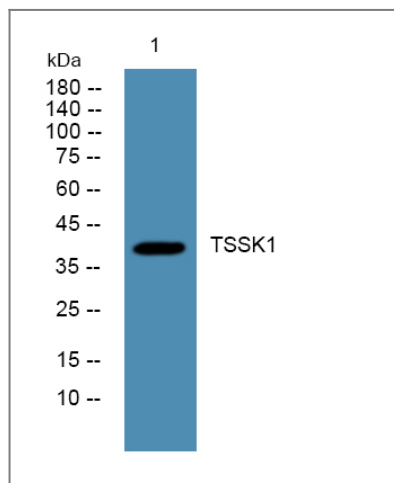
Immunogen Synthesized peptide derived from part region of human protein**Specificity** TSSK1 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name TSSK1B SPOGA1 SPOGA4 STK22A STK22D TSSK1 FKSG81

Protein Name	Testis-specific serine/threonine-protein kinase 1 (TSK-1) (TSK1) (TSSK-1) (Testis-specific kinase 1) (Serine/threonine-protein kinase 22A)		
	Organism	Gene ID	UniProt ID
	Human	83942;	Q9BXA7;
	Mouse		Q61241;
Cellular Localization	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.,		

Validation Data



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

Contact information

Orders: order@immunoway.com
 Support: tech@immunoway.com
 Telephone: 877-594-3616 (Toll Free), 408-747-0185
 Website: <http://www.immunoway.com>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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