

**Immunotag™ TSSK 6 Polyclonal Antibody**

Antibody Specification	
Catalog No.	ITT4768
Product Description	Immunotag™ TSSK 6 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TSSK 6
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat,
Host Species	Rabbit
Immunogen	Synthesized peptide derived from the Internal region of human TSSK 6.
Specificity	TSSK 6 Polyclonal Antibody detects endogenous levels of TSSK 6 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	TSSK6
Accession No.	Q9BXA6 Q925K9
Alternate Names	TSSK6; SSTK; FKSG82; Testis-specific serine/threonine-protein kinase 6; TSK-6; TSSK-6; Testis-specific kinase 6; Cancer/testis antigen 72; CT72; Serine/threonine-protein kinase SSTK; Small serine/threonine kinase

## Antibody Specification

Description	testis specific serine kinase 6(TSSK6) Homo sapiens This intronless gene encodes a member of the CAMK (calcium/calmodulin-dependent) serine/threonine protein kinase family. The encoded kinase has a broad expression pattern but is described as testis-specific due to effects on fertility. Male mice which lack the gene encoding a highly similar protein are sterile and have morphologically abnormal sperm. [provided by RefSeq, Jan 2012],
Protein Expression	Ileal mucosa,Testis,
Subcellular Localization	nucleus,cytoplasm,
Protein Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,function:Required for sperm production and function. Plays a role in DNA condensation during postmeiotic chromatin remodeling.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with the heatshock proteins HSPCB, HSPA8 and HAPA1A. These interactions appear to be required for TSSK6 kinase activity.,tissue specificity:Highly expressed in testis. Expressed at lower levels in human colon, small intestine, ovary, prostate, thymus, spleen and peripheral blood leukocytes.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.