

Product name:	TSSK 6 Rabbit Polyclonal Antibody
Cat number:	ABN19377
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized peptide derived from the Internal region of human TSSK 6.
Reactivity:	Human Mouse Rat
Applications:	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:20000-1:40000
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	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], 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 HSPA1A. 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.,