

Rabbit TSSK1 Polyclonal Antibody | anti-TSSK1 antibody

TSSK1 Antibody

CATALOG # AAA322746	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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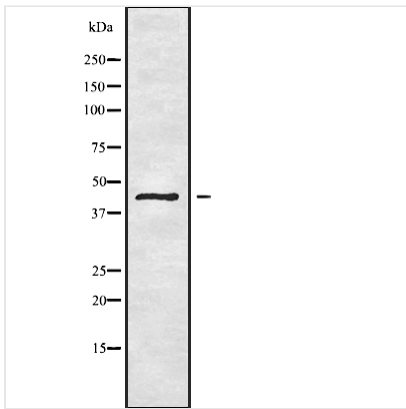
PRODUCT SYNONYMS

TSSK1; Polyclonal Antibody; TSSK1 Antibody; FKSG81; serine/threonine kinase 22D (spermiogenesis associated); serine/threonine kinase FKSG81; Serine/threonine-protein kinase 22A; spermiogenesis associated 4; SPOGA1; SPOGA4; STK22A; STK22D; Testis specific kinase 1; Testis specific serine kinase 1; testis specific serine kinase 1B; Testis-specific kinase 1; Testis-specific serine/threonine-protein kinase 1; TSK 1; TSK-1; TSK1; TSSK-1; TSSK1_HUMAN; Tssk1b; anti-TSSK1 antibody

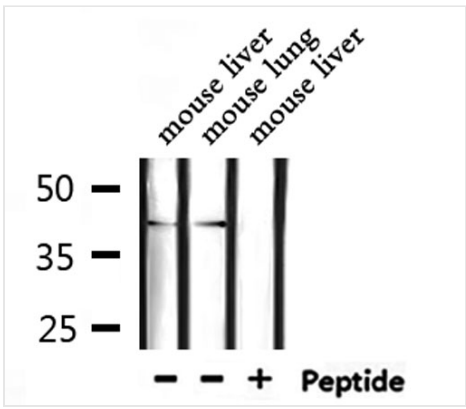
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TSSK1 antibody detects endogenous levels of total TSSK1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	367
Applicable Applications for anti-TSSK1 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human TSSK1
Tissue Specificity	Testis-specific. Present in sperm (at protein level).
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (85%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of TSSK1 using 293 whole cell lysates



WB (Western Blot)
Western blot analysis of extracts from mouse liver, mouse lung, using TSSK1 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TSSK1 antibody	Function: Testis-specific serine/threonine-protein kinase required during spermatid development. Phosphorylates 'Ser-288' of TSKS. Involved in the late stages of spermatogenesis, during the reconstruction of the cytoplasm. During spermatogenesis, required for the transformation of a ring-shaped structure around the base of the flagellum originating from the chromatoid body. Subunit Structure: Interacts with TSSK2. Post-translational Modifications: Autophosphorylated. Similarity: Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14042947
NCBI GeneID	83942
NCBI Accession #	NP_114417.1
NCBI GenBank Nucleotide #	NM_032028.3
UniProt Accession #	Q9BXA7; B2R8D9
Molecular Weight	Observed: 42 kDa Predicted: 42 kDa
NCBI Official Full Name	testis-specific serine/threonine-protein kinase 1
NCBI Official Synonym Full Names	testis specific serine kinase 1B
NCBI Official Symbol	TSSK1B
NCBI Official Synonym Symbols	TSK1; TSSK1; FKSG81; SPOGA4; STK22D
NCBI Protein Information	testis-specific serine/threonine-protein kinase 1
UniProt Protein Name	Testis-specific serine/threonine-protein kinase 1
UniProt Gene Name	TSSK1B
UniProt Synonym Gene Names	SPOGA1; SPOGA4; STK22A; STK22D; TSSK1; TSK-1; TSK1; TSSK-1; Testis-specific kinase 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.