

Rabbit TSSK4 Polyclonal Antibody | anti-TSSK4 antibody

TSSK4 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288944	Rabbit	Human (Predicted Reactivity: Mouse)	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

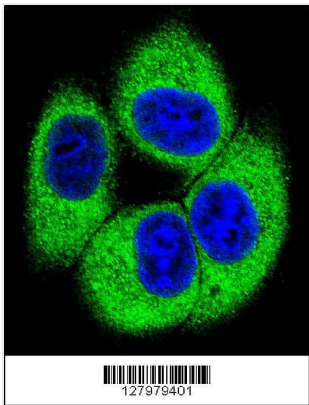
PRODUCT SYNONYMS

TSSK4; Polyclonal Antibody; TSSK4 Antibody (C-term); Testis-specific serine/threonine-protein kinase 4; TSK-4; TSSK-4; Testis-specific kinase 4; Serine/threonine-protein kinase 22E; C14orf20; STK22E; TSSK5; anti-TSSK4 antibody

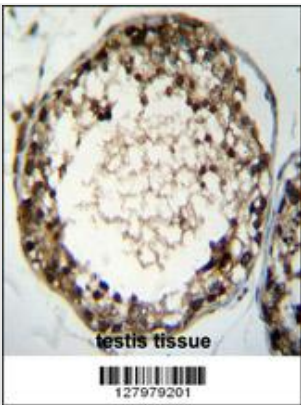
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TSSK4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 226-254 amino acids from the C-terminal region of human TSSK4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	226-254
Sequence Length	252
Applicable Applications for anti-TSSK4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

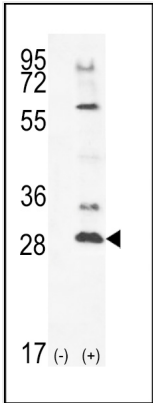
IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of TSSK4 Antibody (C-term) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
TSSK4 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TSSK4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of TSSK4 (arrow) using rabbit polyclonal TSSK4 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the TSSK4 gene.

ADDITIONAL INFORMATION

Related Product Information for anti-TSSK4 antibody	This gene encodes a member of the testis-specific serine/threonine kinase family. The encoded protein is thought to be involved in spermatogenesis via stimulation of the CREB/CRE responsive pathway through phosphorylation of the cAMP responsive element binding protein transcription factor. Alternative splicing results in multiple transcript variants.
References	Aston, K.I., et al. Hum. Reprod. 25(6):1383-1397(2010) Su, D., et al. J. Androl. 29(4):374-378(2008) Zeng, M., et al. BMB Rep 41(4):300-304(2008) Matsuoka, S., et al. Science 316(5828):1160-1166(2007) Chen, X., et al. Biochem. Biophys. Res. Commun. 333(3):742-749(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	296317364
NCBI GeneID	283629
NCBI Accession #	NP_001171668.1; NP_777604.2

NCBI GenBank Nucleotide #	NM_001184739.1
UniProt Accession #	Q6SA08; Q2TA60; Q6ZNM2
Molecular Weight	37454
NCBI Official Full Name	testis-specific serine/threonine-protein kinase 4 isoform 1
NCBI Official Synonym Full Names	testis-specific serine kinase 4
NCBI Official Symbol	TSSK4
NCBI Official Synonym Symbols	TSK4; TSK-4; TSSK5; STK22E; C14orf20
NCBI Protein Information	testis-specific serine/threonine-protein kinase 4
UniProt Protein Name	Testis-specific serine/threonine-protein kinase 4
UniProt Gene Name	TSSK4
UniProt Synonym Gene Names	C14orf20; STK22E; TSSK5; TSK-4; TSSK-4; Testis-specific kinase 4
UniProt Entry Name	TSSK4_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/tssk4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/288944>