

Anti-TSSK6 Antibody

Catalog # ABV11933

Product Information

Application	WB, IHC
Primary Accession	Q9BXA6
Reactivity	Human, Mouse, Rat
Host	Rabbit
Isotype	Rabbit IgG
Calculated MW	30331

Additional Information

Gene ID	83983
Positive Control	WB: HeLa, mouse testis, rat testis lysate; IHC: human colon cancer tissue
Application & Usage	WB; 1:500 – 1:2000, IHC; 1:50 – 1:200
Other Names	SSTK, 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
Target/Specificity	TSSK6
Antibody Form	Liquid
Appearance	Colorless liquid
Handling	The antibody solution should be gently mixed before use
Reconstitution & Storage	-20°C
Background Descriptions	
Precautions	Anti-TSSK6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

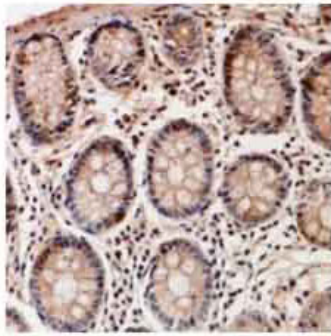
Name	TSSK6 {ECO:0000312 EMBL:AAH14611.1}
Function	Serine/threonine-protein kinase component of the sperm flagellar doublet microtubules (PubMed: 15870294). May act as a regulator of sperm motility by mediating phosphorylation of sperm doublet microtubule proteins (By similarity). Plays a role in DNA condensation during postmeiotic chromatin remodeling and histone-to-protamine transition during spermatogenesis (By similarity).
Cellular Location	Cytoplasm, cytoskeleton, flagellum axoneme

{ECO:0000250|UniProtKB:Q925K9}. Nucleus
{ECO:0000250|UniProtKB:Q925K9} Note=Component of the sperm flagellar doublet microtubules. Also localizes in the nucleus of elongating spermatids
{ECO:0000250|UniProtKB:Q925K9}

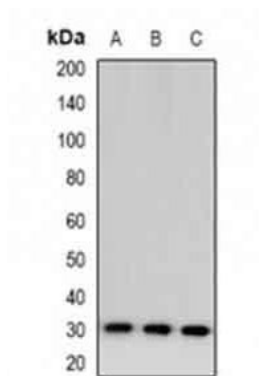
Tissue Location

Highly expressed in testis. Expressed at lower levels in colon, small intestine, ovary, prostate, thymus, spleen and peripheral blood leukocytes.

Images



Immunohistochemical analysis of TSSK6 staining in human colon cancer formalin fixed paraffin embedded tissue section



WB analysis of TSSK6 expression in HeLa (A); mouse testis (B); rat testis (C) whole cell lysates

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.