

AP54391PU-N**Polyclonal Antibody to TSSK6 / SSTK (N-term) - Purified****Alternate names:**

CT72, Cancer/testis antigen 72, Serine/threonine-protein kinase SSTK, Small serine/threonine kinase, TSK-6, TSSK-6, Testis-specific kinase 6, Testis-specific serine/threonine-protein kinase 6

Quantity:

0.4 ml

Concentration:

lot specific

Background:

TSSK6 is a serine/threonine protein kinase that is required for postmeiotic chromatin remodeling and male fertility (Spiridonov et al., 2005 [PubMed 15870294])

Uniprot ID:

[Q9BXA6](#)

NCBI:

[NP_114426](#)

GeneID:

[83983](#)

Host / Isotype:

Rabbit / Ig

Immunogen:

KLH conjugated synthetic peptide between 24-54 amino acids from the N-terminal region of human TSSK6

Format:

State: Liquid Ig fraction

Purification: Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Buffer System: PBS with 0.09% (W/V) sodium azide

Applications:

ELISA: 1:1;000.

Western blot: 1:50~100.

Immunohistochemistry on paraffin sections: 1:10~50.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody detects TSSK6 / SSTK (N-term).

Species Reactivity:

Tested: Human

Add. Information:

Molecular Weight: 30331 Da

Storage:

Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

1. Su, D., et al. Asian J. Androl. 12(2):234-239(2010).

2. Chen, X., et al. Biochem. Biophys. Res. Commun. 333(3):742-749(2005).

3. Spiridonov, N.A., et al. Mol. Cell. Biol. 25(10):4250-4261(2005).

4. Hao, Z., et al. Mol. Hum. Reprod. 10(6):433-444(2004).

Pictures:

TSSK6 Antibody (N-term) (AP54391PU-N) 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 TSSK6 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western blot analysis of TSSK6 (arrow) using rabbit polyclonal TSSK6 Antibody (N-term) (AP54391PU-N). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the TSSK6 gene.

