

TSSK1 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant TSSK1.

Catalog # AT4384a

Product Information

Application	WB, IF, E
Primary Accession	Q9BXA7
Other Accession	BC022515
Reactivity	Human, Mouse
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	2E9
Calculated MW	41618

Additional Information

Gene ID	83942
Other Names	Testis-specific serine/threonine-protein kinase 1, TSK-1, TSK1, TSSK-1, Testis-specific kinase 1, Serine/threonine-protein kinase 22A, TSSK1B, SPOGA1, SPOGA4, STK22A, STK22D, TSSK1
Target/Specificity	TSSK1 (AAH22515, 267 a.a. ~ 367 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	TSSK1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

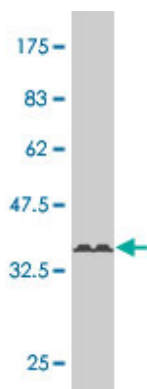
TSSK1 belongs to a family of serine/threonine kinases highly expressed in testis (Hao et al., 2004 [PubMed 15044604]).

References

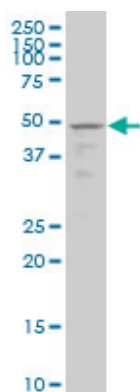
Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560. High-throughput mapping of a dynamic signaling network in mammalian cells. Barrios-Rodiles M,

et al. Science, 2005 Mar 11. PMID 15761153. Identification of the sucrose non-fermenting related kinase SNRK, as a novel LKB1 substrate. Jaleel M, et al. FEBS Lett, 2005 Feb 28. PMID 15733851. Expression analysis of the human testis-specific serine/threonine kinase (TSSK) homologues. A TSSK member is present in the equatorial segment of human sperm. Hao Z, et al. Mol Hum Reprod, 2004 Jun. PMID 15044604. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.

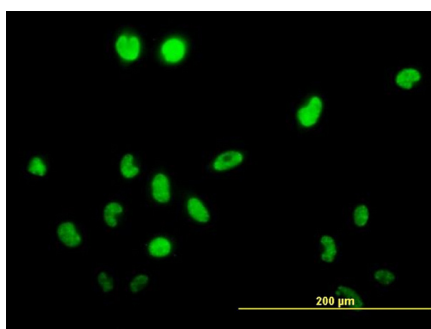
Images



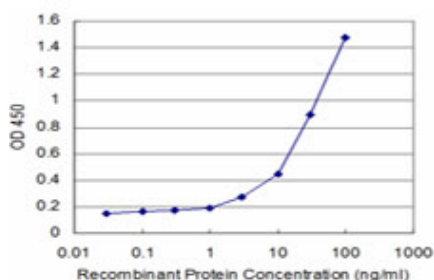
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



TSSK1 monoclonal antibody (M02), clone 2E8. Western Blot analysis of TSSK1 expression in Raw 264.7.



Immunofluorescence of monoclonal antibody to TSSK1 on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged TSSK1 is approximately 1ng/ml as a capture antibody.

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