

## ARG44100 anti-TSSK4 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal recognizes TSSK4
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TSSK4
Species	Human
Immunogen	Human TSSK4 recombinant protein (Position: D5-K319).
Conjugation	Un-conjugated
Alternate Names	TSSK4; Testis Specific Serine Kinase 4; C14orf20; STK22E; Testis-Specific Serine/Threonine-Protein Kinase 4; Serine/Threonine-Protein Kinase 22E; Serine/Threonine Kinase 22E; TSK-4; TSSK5; Chromosome 14 Open Reading Frame 20; Testis-Specific Kinase 4; EC 2.7.11.1; EC 2.7.11; TSSK-4; TSK4

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	WB	0.25 - 0.5 µg/ml
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

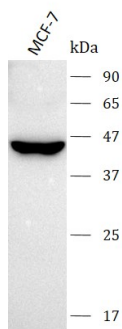
Bioinformation

Gene Symbol	TSSK4
Gene Full Name	Testis Specific Serine Kinase 4
Background	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.
Function	Serine/threonine kinase which is involved in male germ cell development and in mature sperm function.
Calculated Mw	37 kDa
PTM	Phosphoprotein, Ubl conjugation
Cellular Localization	Cell projection, Cilium, Cytoplasmic vesicle, Flagellum

Images

ARG44100 anti-TSSK4 antibody WB image

Western blot: MCF-7 stained with ARG44100 anti-TSSK4 antibody at 0.5 µg/mL dilution.



ARG44100 anti-TSSK4 antibody FACS image

Flow Cytometry: SH-SY5Y stained with ARG44100 anti-TSSK4 antibody at 1 µg/10<sup>6</sup> cells dilution.

