

**DATASHEET**

**TSSK4 Rabbit Polyclonal Antibody**

CAT. NO. APA14710

**KEY FEATURES**

Target	TSSK4	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

**BACKGROUND**

Serine/threonine kinase which is involved in male germ cell development and in mature sperm function . May be involved in the Cre/Creb signaling pathway . Phosphorylates CREB1 on 'Ser-133' in vitro and can stimulate Cre/Creb pathway in cells . Phosphorylates CREM on 'Ser-116' in vitro . Phosphorylates ODF2 on 'Ser-95' .

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

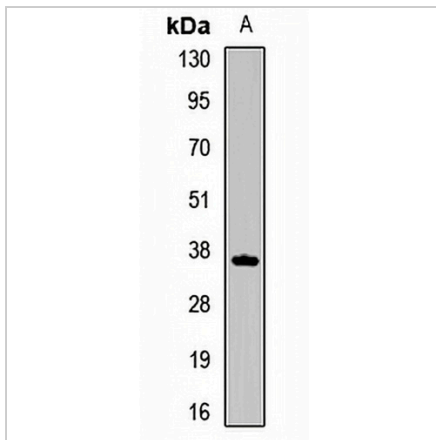
Description	Rabbit polyclonal antibody to TSSK4
Specificity	Recognizes endogenous levels of TSSK4 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TSSK4
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 29; Observed: 37 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	C14orf20; STK22E; TSSK5; Testis-specific serine/threonine-protein kinase 4; TSK-4; TSSK-4; Testis-specific kinase 4; Serine/threonine-protein kinase 22E
Gene Symbol	TSSK4
Entrez Gene	283629(Human); 71099(Mouse)
SwissProt	Q6SA08(Human); Q9D411(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of TSSK4 expression in mouse testis (A) whole cell lysates.  
(Predicted band size: 29; 37; 38 kD; Observed band size: 37 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.