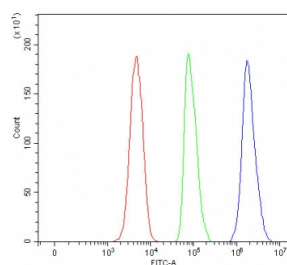


## TSSK4 Antibody / Testis-specific serine/threonine-protein kinase 4 (RQ8405)

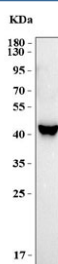
Catalog No.	Formulation	Size
RQ8405	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q6SA08
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This TSSK4 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human SH-SY5Y cells with TSSK4 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TSSK4 antibody.



Western blot testing of human MCF7 cell lysate with TSSK4 antibody. Predicted molecular weight ~37 kDa.

## Description

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.

## Application Notes

Optimal dilution of the TSSK4 antibody should be determined by the researcher.

## Immunogen

An E.coli-derived human recombinant protein (D5-K319) was used as the immunogen for the TSSK4 antibody.

## Storage

After reconstitution, the TSSK4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.