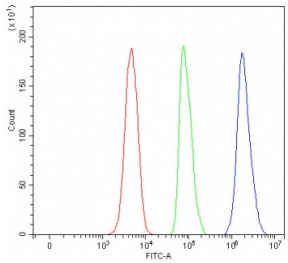
TSSK4 Antibody / Testis-specific serine/threonine-protein kinase 4 (RQ8405)

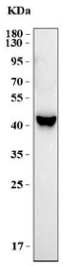
Catalog No.	Formulation	Size
RQ8405	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q6SA08
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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