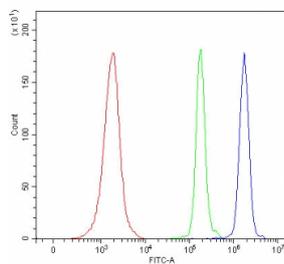


## Spermine synthase Antibody / SMS (RQ7727)

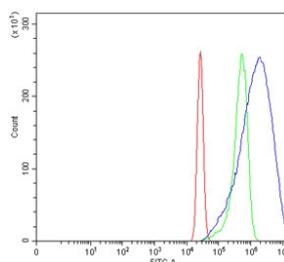
Catalog No.	Formulation	Size
RQ7727	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

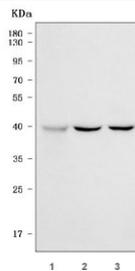
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P52788
<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 Spermine synthase antibody is available for research use only.



Flow cytometry testing of human JK cells with Spermine synthase antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Spermine synthase antibody.



Flow cytometry testing of human A431 cells with Spermine synthase antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Spermine synthase antibody.



Western blot testing of human 1) U-87 MG, 2) U-251 and 3) K562 cell lysate with Spermine synthase antibody. Predicted molecular weight ~41 kDa.

## Description

This gene encodes a protein belonging to the spermidine/spermine synthase family and catalyzes the production of spermine from spermidine. Pseudogenes of this gene are located on chromosomes 1, 5, 6 and X. Mutations in this gene cause an X-linked intellectual disability called Snyder-Robinson Syndrome (SRS). Multiple transcript variants encoding different isoforms have been found for this gene.

## Application Notes

Optimal dilution of the Spermine synthase antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids Q102-K365) was used as the immunogen for the Spermine synthase antibody.

## Storage

After reconstitution, the Spermine synthase 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.