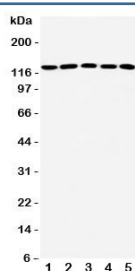


## ST5 Antibody (R31411)

Catalog No.	Formulation	Size
R31411	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, Mouse, Rat
<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
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P78524
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This ST5 antibody is available for research use only.



Western blot testing of ST5 antibody and Lane 1: rat testis; 2: human A431; 3: (h) HeLa; 4: (h) COLO320; 5: mouse NIH3T3 lysate. Predicted/observed molecular weight: ~126kDa.

## Description

Suppression of tumorigenicity 5 is a protein that in humans is encoded by the ST5 gene. This gene is mapped to 11p15.4. The protein encoded by this gene contains a C-terminal region that shares similarity with the Rab3 family of small GTP binding proteins. This protein preferentially binds to the SH3 domain of c-Abl kinase, and acts as a regulator of MAPK1/ERK2 kinase, which may contribute to its ability to reduce the tumorigenic phenotype in cells. Three alternatively spliced transcript variants of this gene encoding distinct isoforms are identified.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the ST5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the middle region of human ST5 (KRHSHDDMLLLAQLSL) was used as the immunogen for this ST5 antibody.

## Storage

After reconstitution, the ST5 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.