

## ST5 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP08597
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ST5. AA range:411-460
<b>Mol wt</b>	126499
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	ST5 Antibody
<b>Synonyms</b>	ST5; DENND2B; HTS1; Suppression of tumorigenicity 5 protein; DENN domain-containing protein 2B; HeLa tumor suppression 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

ST5 was identified by its ability to suppress the tumorigenicity of HeLa cells in nude mice. Suppression of tumorigenicity 5 protein encoded by ST5 contains a C-terminal region that shares similarity with the Rab 3 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.

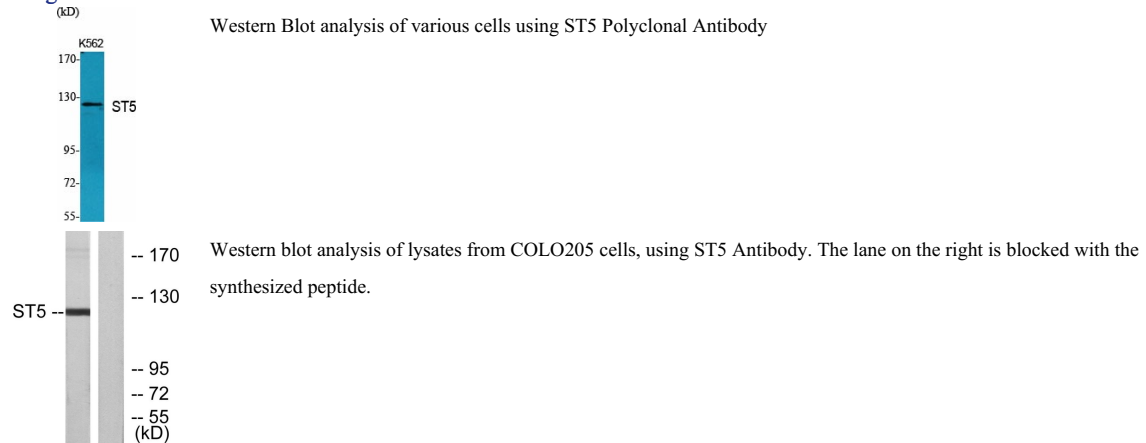
### Recommended Dilution

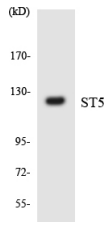
WB: 1: 500 - 1: 2000

ELISA: 1: 20000

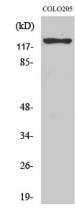
Not yet tested in other applications.

### Images





Western blot analysis of the lysates from COLO205 cells using ST5 antibody.



Western Blot analysis of COLO205 cells using ST5 Polyclonal Antibody

### Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)