

ST5 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08597
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human ST5. AA range:411-460
Mol wt	126499
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	ST5 Antibody
Synonyms	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.

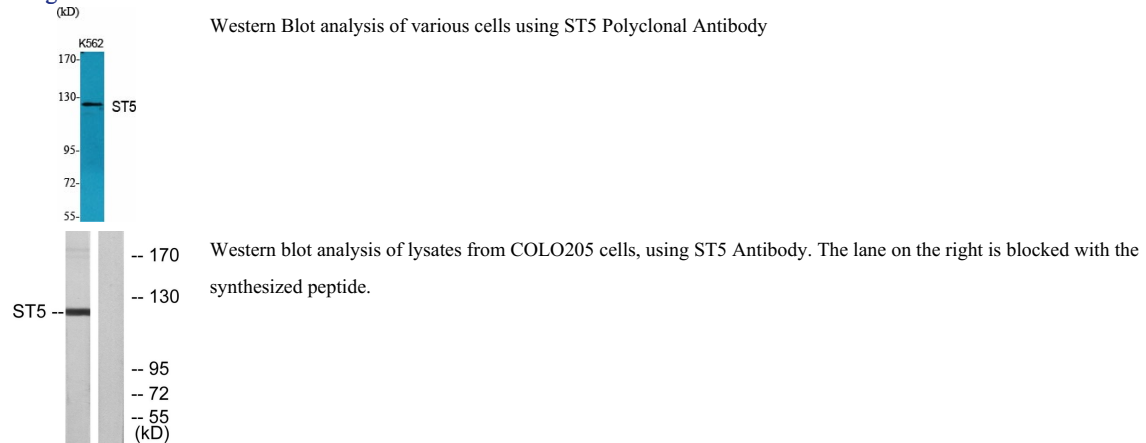
Recommended Dilution

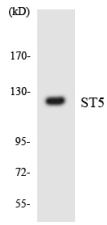
WB: 1: 500 - 1: 2000

ELISA: 1: 20000

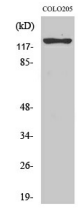
Not yet tested in other applications.

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

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