

# ST5 rabbit pAb

Cat No.:ES3505

For research use only

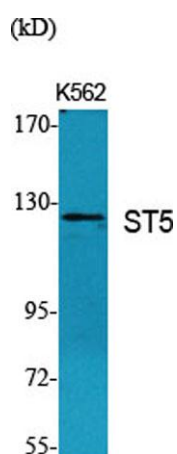
## Overview

Product Name	ST5 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human ST5. AA range:411-460
Specificity	ST5 Polyclonal Antibody detects endogenous levels of ST5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Suppression of tumorigenicity 5 protein
Gene Name	ST5
Cellular localization	[Isoform 1]: Cytoplasm, cell cortex . Cell membrane . Recycling endosome . Colocalizes with RAB13 and ITSN1 at cytoplasmic vesicles that are most likely recycling endosomes. Colocalizes with the cortical actin cytoskeleton. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	126kD
Human Gene ID	6764
Human Swiss-Prot Number	P78524
Alternative Names	ST5; DENND2B; HTS1; Suppression of tumorigenicity 5 protein; DENN domain-containing protein 2B; HeLa tumor suppression 1
Background	This gene was identified by its ability to suppress the tumorigenicity of Hela cells in nude mice. The





protein encoded by this gene 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. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using ST5 Polyclonal Antibody

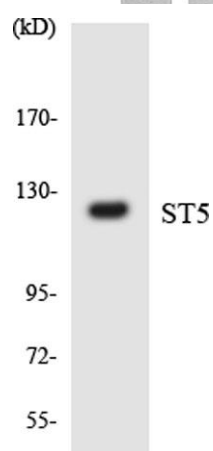
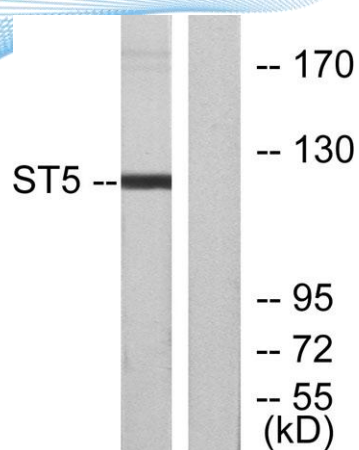


Western Blot analysis of COLO205 cells using ST5 Polyclonal Antibody





**ELK Biotechnology**



+86-27-59760950

ELKbio@ELKbiotech.com

[www.elkbiotech.com](http://www.elkbiotech.com)

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C