



Anti-ST5 (aa 1038-1135) polyclonal antibody (DPAB-DC2970)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	ST5 (NP_005409, 1038 a.a. ~ 1135 a.a) partial recombinant protein with GST tag. The sequence is VGHYSLFLTQSEKGERAFQREAFRKSVASKSIRRFLEVFMESQMFAGFIQDRELRKCRAK GLFEQRVEQYLEELPDTEQSGMNMKFLRGLGNKMKFLHK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ST5 suppression of tumorigenicity 5 [Homo sapiens (human)]
Official Symbol	ST5
Synonyms	ST5; suppression of tumorigenicity 5; HTS1; p126; DENND2B; suppression of tumorigenicity 5 protein; HeLa tumor suppression 1; DENN/MADD domain containing 2B;
Entrez Gene ID	6764
Protein Refseq	NP_005409
UniProt ID	P78524
Chromosome Location	11p15
Function	Rab guanyl-nucleotide exchange factor activity;