

Rabbit ST5 Polyclonal Antibody | anti-ST5 antibody

ST5 Antibody (C-term)

CATALOG # AAA288966	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse)	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

ST5; Polyclonal Antibody; ST5 Antibody (C-term); Suppression of tumorigenicity 5 protein; DENN domain-containing protein 2B; HeLa tumor suppression 1; DENND2B; HTS1; anti-ST5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ST5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1106-1137 amino acids from the C-terminal region of human ST5.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.34 (varies by lot)
Sequence Positions	1106-1137
Sequence Length	609
Applicable Applications for anti-ST5 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

ST5 Antibody (C-term) flow cytometric analysis of U251 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

ST5 Antibody (C-term K1121) western blot analysis in U251 cell line lysates (35ug/lane). This demonstrates the ST5 antibody detected the ST5 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ST5 antibody	ST5 was identified by its ability to suppress the tumorigenicity of Hela cells in nude mice. The protein 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.
Product Categories/Family for anti-ST5 antibody	Cancer; Signal Transduction
References	Majidi, M., et al., J. Biol. Chem. 275(9):6560-6565 (2000). Hubbs, A.E., et al., Oncogene 18(15):2519-2525 (1999). Majidi, M., et al., J. Biol. Chem. 273(26):16608-16614 (1998). Lichy, J.H., et al., Nucleic Acids Res. 24(23):4700-4708 (1996). Lichy, J.H., et al., Cell Growth Differ. 3(8):541-548 (1992).

NCBI AND UNIPROT INFORMATION

NCBI GI #	47132529
NCBI GeneID	6764
NCBI Accession #	NP_005409.3; NP_631896.1; NP_998783.1
NCBI GenBank Nucleotide #	NM_005418.3
UniProt Accession #	P78524; P78523; Q16492; Q7KYY2; Q7KZ12; Q8NE12; Q9BQQ6; B2R6X7; B3KXQ6
Molecular Weight	126485
NCBI Official Full Name	suppression of tumorigenicity 5 protein isoform 1
NCBI Official Synonym Full Names	suppression of tumorigenicity 5
NCBI Official Symbol	ST5
NCBI Official Synonym Symbols	HTS1; p126; DENND2B
NCBI Protein Information	suppression of tumorigenicity 5 protein
UniProt Protein Name	Suppression of tumorigenicity 5 protein
UniProt Gene Name	ST5
UniProt Synonym Gene Names	DENND2B; HTS1
UniProt Entry Name	ST5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/st5-antibody-flow-cytometry-western-blot-elisa/288966>