



## ST7, Suppression of tumorigenicity polyclonal antibody

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### Box 1 | Basic Info

Cat. No.	ABP-PAB-11117
Animal ID	RB2075/2076
Host	Rabbit
Reactivity	Human
Format	Purified
Accession number	NM_013437
Amount	100 µg

Alternative Name(s): suppression of tumorigenicity 7, FLJ12929

Suppression of tumorigenicity (ST7) is a predicted transmembrane protein which was identified by its differential expression in cancer cells. The ST7 expression level is lower in tumor derived cell lines compared to normal cells which make ST7 a candidate tumor suppressor gene. Furthermore, ST7 has a significant homology to class A low-density lipoprotein receptors (LPRs).

#### Buffers

Purified rabbit polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.

#### Immunogen

KLH conjugated synthetic peptide comprised of amino acids 846 - 859 [LKNETSDDDEALLLC] of the human suppression of tumorigenicity (ST7) protein.

#### Application:

Tested by peptide-specific ELISA (1:1,000).

#### Storage:

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. Avoid repeated freeze-thaw cycles.

#### References:

1. Qing J, Wei D, Maher VM, McCormick JJ: Cloning and characterization of a novel gene encoding a putative transmembrane protein with altered expression in some human transformed and tumor-derived cell lines. *Oncogene* 18(2): 335-342 (1999).