



Rabbit Anti-Human ST5 Polyclonal Antibody (CABT-L398R)

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

PRODUCT INFORMATION

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human ST5(571-586aa KRHSHDDMLLLAQLSL), different from the related mouse and rat sequences by one amino acid.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	WB Recommended concentration: WB: 0.1-0.5µg/ml
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Format	Lyophilized
Size	200 µl
Buffer	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Preservative	0.05mg NaN ₃
Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquoted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

BACKGROUND

Introduction

Suppression of tumorigenicity 5 is a protein that in humans is encoded by the ST5 gene. This gene is mapped to 11p15.4. 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.

Keywords

ST5;suppression of tumorigenicity 5;suppression of tumorigenicity 5 protein;DENN/MADD domain containing 2B;DENND2B;HTS1

GENE INFORMATION

Gene Name

DENND2B

Entrez Gene ID

[6764](#)

UniProt ID

[P78524](#)
