

Datasheet for ABIN7140157
anti-ST5 antibody (AA 68-88)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ST5
Binding Specificity:	AA 68-88
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST5 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Peptide sequence from Human Suppression of tumorigenicity 5 protein (68-88AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	ST5
Alternative Name:	ST5 (ST5 Products)
Background:	Background: Guanine nucleotide exchange factor (GEF) which may activate RAB9A and RAB9B. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their

Target Details

active GTP-bound form. May be involved in cytoskeletal organization and tumorigenicity. Isoform 1 seems to be involved in a signaling transduction pathway leading to activation of MAPK1/ERK2. Isoform 3 may block ERK2 activation stimulated by ABL1. Isoform 3 may alter cell morphology and cell growth.

Aliases: DENND2B antibody, DENN domain containing protein 2B antibody, DENN domain-containing protein 2B antibody, DENN/MADD domain containing 2B antibody, HeLa tumor suppression 1 antibody, HTS1 antibody, p126 antibody, ST 5 antibody, ST5 antibody, ST5_HUMAN antibody, Suppression of tumorigenicity 5 antibody, Suppression of tumorigenicity 5 protein antibody

UniProt: [P78524](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

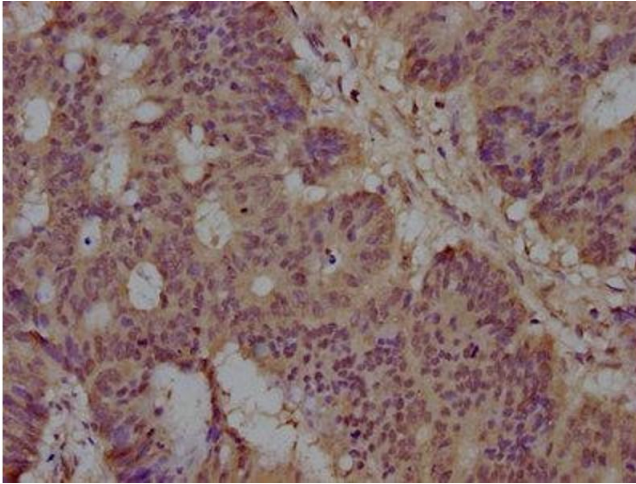
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7140157 diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.