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anti-ST5 antibody (AA 3-280)

Images



Overview

Quantity:	100 μL
Target:	ST5
Binding Specificity:	AA 3-280
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Suppression of tumorigenicity 5 protein (3-280AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G 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 tumorogenicity. 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: WB:1:1000-1:5000, IHC:1:500-1:1000,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Format: Buffer:	Liquid Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

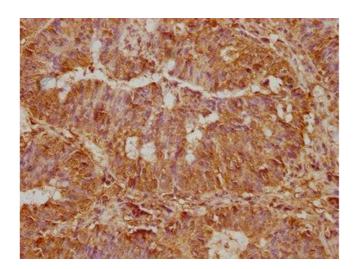
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

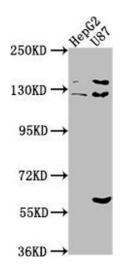
Preservative: ProClin

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 ABIN7170987 diluted at 1:500 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM 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.

Western Blotting

Image 2. Western Blot Positive WB detected in: HepG2 whole cell lysate, U87 whole cell lysate All lanes: ST5 antibody at 1:2000 Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution Predicted band size: 127, 83, 71 kDa Observed band size: 127 kDa