

Datasheet for ABIN4886732
anti-ST7 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	ST7
Binding Specificity:	AA 268-309, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Suppressor of tumorigenicity 7 protein(ST7) detection. Tested with WB in Human.
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human ST7 (268-309aa DGCYRRSQQLQHHGSQYEAQHRRDTNVLVYIKRRLAMCARRL), identical to the related mouse and rat sequences.
Sequence:	DGCYRRSQQL QHHGSQYEAQ HRRDTNVLVY IKRRLAMCAR RL
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Suppressor of tumorigenicity 7 protein(ST7) detection. Tested with WB in Human. Gene Name: suppression of tumorigenicity 7 Protein Name: Suppressor of tumorigenicity 7 protein

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: ST7

Alternative Name: ST7 ([ST7 Products](#))

Background: Suppressor of tumorigenicity protein 7 is a protein that in humans is encoded by the ST7 gene. The gene for this product maps to a region on chromosome 7 identified as an autism-susceptibility locus. Mutation screening of the entire coding region in autistic individuals failed to identify phenotype-specific variants, suggesting that coding mutations for this gene are unlikely to be involved in the etiology of autism. The function of this gene product has not been determined. Transcript variants encoding different isoforms of this protein have been described.

Synonyms: ETS7q | FAM4A | FAM4A1 | HELG | RAY1 | SEN4 | ST7 | TSG7 | Q9NRC1

Gene ID: 7982

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human
Notes: Tested Species: Species with positive results.
Other applications have not been tested. Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Concentration: 500 µg/mL

Buffer: Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na₂HPO₄, 0.05 mg Sodium azide.

Preservative: Sodium azide

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

Handling

Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot analysis of ST7 expression in PANC whole cell lysates (Lane 1). ST7 at 67KD was detected using rabbit anti- ST7 Antigen Affinity purified polyclonal antibody (Catalog #) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method (Catalog # EK1002).