

Anti-ST7 Picoband Antibody
Catalog # ABO10333

Specification

Anti-ST7 Picoband Antibody - Product Information

Application	WB
Primary Accession	O9NRC1
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Suppressor of tumorigenicity 7 protein(ST7) detection. Tested with WB in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-ST7 Picoband Antibody - Additional Information

Gene ID 7982

Other Names

Suppressor of tumorigenicity 7 protein, Protein FAM4A1, Protein HELG, ST7, FAM4A1, HELG, RAY1

Calculated MW

67166 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization

Membrane ; Multi-pass membrane protein .

Tissue Specificity

Ubiquitously expressed, with highest levels in heart, liver and pancreas. .

Protein Name

Suppressor of tumorigenicity 7 protein

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Na₃.

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.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins.

Storage

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.

Anti-ST7 Picoband Antibody - Protein Information

Name ST7

Synonyms FAM4A1, HELG, RAY1

Function

May act as a tumor suppressor.

Cellular Location

Membrane; Multi-pass membrane protein

Tissue Location

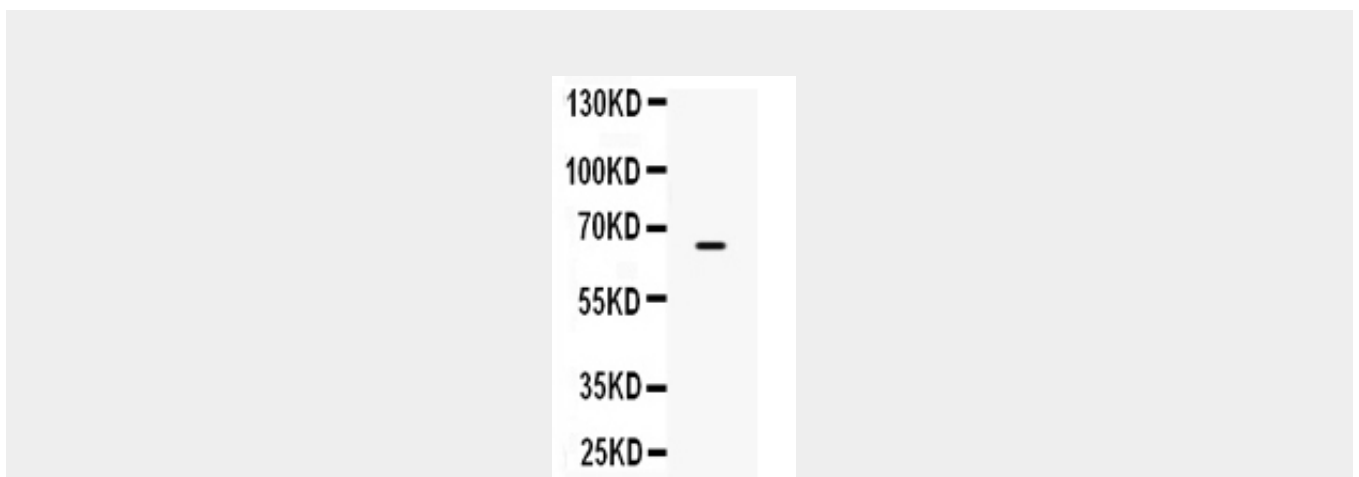
Ubiquitously expressed, with highest levels in heart, liver and pancreas.

Anti-ST7 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-ST7 Picoband Antibody - Images



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 # ABO10333) at 0.5 μ g/mL. The blot was developed using chemiluminescence (ECL) method .

Anti-ST7 Picoband Antibody - 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.¹