

Anti-ST7 Picoband Antibody

Catalog # ABO10333

Product Information

Application	WB
Primary Accession	Q9NRC1
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.

Additional Information

Gene ID	7982
Other Names	Suppressor of tumorigenicity 7 protein, Protein FAM4A1, Protein HELG, ST7, FAM4A1, HELG, RAY1
Calculated MW	67166
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. .
Source	Eukaryota
Protein Name	Suppressor of tumorigenicity 7 protein
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human ST7 (268-309aa DGCYRRSQQLQHSGSYEAQHRRDTNVLVYIKRRLAMCARRL), 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.

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.

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. □

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 µg/mL. The blot was developed using chemiluminescence (ECL) method .

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.