

Anti-SULT2A1 Antibody Picoband® Biotin Conjugated

Catalog Number: PB9821-Biotin

About SULT2A1

Bile salt sulfotransferase, also known as hydroxysteroid sulfotransferase (HST) or sulfotransferase 2A1 (ST2A1), is an enzyme that in humans is encoded by the SULT2A1 gene. It is mapped to 19q13.3. This gene encodes a member of the sulfotransferase family. Sulfotransferases aid in the metabolism of drugs and endogenous compounds by converting these substances into more hydrophilic water-soluble sulfate conjugates that can be easily excreted. This protein catalyzes the sulfation of steroids and bile acids in the liver and adrenal glands, and may have a role in the inherited adrenal androgen excess in women with polycystic ovary syndrome.

Overview

Product Name	Anti-SULT2A1 Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q06520

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human SULT2A1, different from the related mouse sequence by seven amino acids, and from the related rat sequence by eight amino acids.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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