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Immunotag™ ST2A1 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN2939
Product Description	Immunotag™ ST2A1 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	ST2A1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ST2A1 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	SULT2A1 HST STD
Accession No.	Q06520 P52843 P15709

Antibody Specification

Description	sulfotransferase family 2A member 1(SULT2A1) Homo sapiens 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. [provided by RefSeq, Mar 2010],
Protein Expression	Adrenal gland,Liver,
Subcellular Localization	cytoplasm,cytosol,
Protein Function	catalytic activity:3'-phosphoadenylyl sulfate + glycolithocholate = adenosine 3',5'-bisphosphate + glycolithocholate 3-sulfate.,catalytic activity:3'-phosphoadenylyl sulfate + taurolithocholate = adenosine 3',5'-bisphosphate + taurolithocholate sulfate.,function:Catalyzes the sulfation of steroids and bile acids in the liver and adrenal glands.,miscellaneous:Estrogens present in maternal circulation is predominantly derived from fetal dehydroepiandosterone sulfate which is hydrolyzed and metabolized to estrogens in placenta.,PTM:The N-terminus is blocked.,similarity:Belongs to the sulfotransferase 1 family.,subunit:Homodimer.,tissue specificity:Liver, adrenal and at lower level in the kidney. Is present in human fetus in higher level in the adrenal than the liver and the kidney.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.