



ST2A1 rabbit pAb

Cat No.:ES12938

For research use only

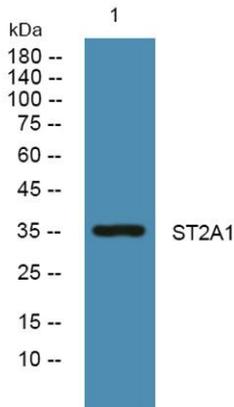
Overview

Product Name	ST2A1 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from human ST2A1
Specificity	This antibody detects endogenous levels of human ST2A1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	ST2A1
Gene Name	SULT2A1 HST STD
Cellular localization	Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	34kD
Human Gene ID	6822
Human Swiss-Prot Number	Q06520
Alternative Names	Bile salt sulfotransferase (EC 2.8.2.14;Dehydroepiandrosterone sulfotransferase;DHEA-ST;Hydroxysteroid Sulfotransferase;HST;ST2;ST2A3;Sulfotransferase 2A1;ST2A1)
Background	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],



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4° over night

Immunohistochemical analysis of paraffin-embedded human spleen tissue. 1, primary Antibody was diluted at 1:200 (4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200

