



Rabbit Anti-SULT2A1 antibody

SL5664R

Product Name:	SULT2A1
Chinese Name:	胆盐磺基转移酶
Alias:	Alcohol/hydroxysteroid sulfotransferase; Bile salt sulfotransferase 2A1; Bile salt sulfotransferase; Dehydroepiandrosterone sulfotransferase; DHEA ST; DHEA-ST; DHEAS; HST; hSTa; Hydroxysteroid Sulfotransferase; ST2; ST2A1; ST2A1_HUMAN; ST2A3; STD; Sulfotransferase 2A1; Sulfotransferase family cytosolic 2A dehydroepiandrosterone (DHEA) preferring member 1; Sult2a1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	34kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SULT2A1:91-170/285
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Dehydroepiandrosterone (DHEA) is a major secretory product of the human adrenal cortex during intrauterine development as well as during adulthood. DHEA circulates in the bloodstream as DHEA-sulfate (DHEAS). DHEA has been implicated in a wide

range of physiological roles including aging, immunology, learning and memory and obesity.

Function:

Catalyzes the sulfation of steroids and bile acids in the liver and adrenal glands.

Subunit:

Homodimer.

Subcellular Location:

Secreted

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.

Post-translational modifications:

The N-terminus is blocked.

Similarity:

Belongs to the sulfotransferase 1 family.

SWISS:

Q06520

Gene ID:

6822

Database links:

[Entrez Gene: 6822](#)Human

[Entrez Gene: 20859](#)Mouse

[Entrez Gene: 24912](#)Rat

[Oimim: 125263](#)Human

[SwissProt: Q06520](#)Human

[SwissProt: P52843](#)Mouse

[SwissProt: P15709](#)Rat

[Unigene: 515835](#)Human

[Unigene: 260026](#)Mouse

[Unigene: 91378](#)Rat

	<p>Important Note:</p>
--	-------------------------------

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

www.sunlongbiotech.com