

Rabbit anti-Human SULT2A1 Polyclonal Antibody | anti-SULT2A1 antibody

Anti-SULT2A1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256362	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SULT2A1; Polyclonal Antibody; Anti-SULT2A1 Antibody; Rabbit Polyclonal; SULT2A1 Antibody; Rabbit PAb; Antigen Affinity Purified; sulfotransferase family; cytosolic; 2A; dehydroepiandrosterone (DHEA)-preferring; member 1; Anti-DHEA-ST Antibody; Anti-DHEAS Antibody; Anti-HST Antibody; Anti-hSTa Antibody; Anti-ST2 Antibody; Anti-ST2A1 Antibody; Anti-ST2A3 Antibody; Anti-STD Antibody; anti-SULT2A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SULT2A1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SULT2A1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human SULT2A1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SULT2A1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

SULT2A1 was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate 4 uL anti-SULT2A1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-SULT2A1 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 34 kDa. Observed band size: 34 kDa.



IHC (Immunohistochemistry)

Immunohistochemical staining of human SULT2A1 in human adrenal gland with rabbit polyclonal antibody at 1:10000 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-SULT2A1 rabbit polyclonal antibody at 1:10000 dilutionLane A: HepG2 Whole Cell
LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at
1/10000 dilution.Developed using the ECL technique.Performed under reducing
conditions.Predicted band size:34 kDaObserved band size:34 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SULT2A1 antibody	Hydroxysteroid sulfotransferase (SULT2A1) is a key enzyme in the testicular and hepatic metabolism of 5alpha-androstenone, which is a major component of the off-odor and off-flavor in pork known as boar taint. Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. The gene structure (number and length of exons) is similar among family members. SULT2A1 is a sulfo-conjugating phase II enzyme expressed at very high levels in the liver and intestine, the two major first-pass metabolic tissues, and in the steroidogenic adrenal tissue. SULT2A1 acts preferentially on the hydroxysteroids dehydroepiandrosterone, testosterone/dihydrotestosterone, and pregnenolone and on cholesterol-derived amphipathic sterol bile acids.
References	Chatterjee, B. 2005, Methods Enzymol. 400:165-91. Liu, Y. et al., 2006, Chem Res Toxicol. 19 (11):1420-5. Sinclair, PA. et al., 2006, J Mol Endocrinol 36 (2):301-11. Yalcin, EB. et al., 2008, Drug Metab Lett 2 (3):198-204.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sult2a1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/256362>