

Anti-SULT2B1 Antibody (6F770)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6F770
Purification:	Protein A

Applications

Verified Activity:	1. SULT2B1 was immunoprecipitated using: <ul style="list-style-type: none">-Lane A:0.5 mg MCF-7 Whole Cell Lysate-0.5 µL anti-SULT2B1 rabbit monoclonal antibody and 15 µL of 50 % Protein G agarose.-Primary antibody:<ul style="list-style-type: none">-Anti-SULT2B1 rabbit monoclonal antibody, at 1:500 dilution.-Secondary antibody:<ul style="list-style-type: none">-Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.-Developed using the odyssey technique.-Performed under reducing conditions.-Predicted band size: 41 kDa.-Observed band size: 41 kDa.
	2. Anti-SULT2B1 rabbit monoclonal antibody at 1:500 dilution. <ul style="list-style-type: none">-Lane A: MCF7 Whole Cell lysate.-Lysates/proteins at 30 µg per lane.-Secondary<ul style="list-style-type: none">-Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.-Developed using the Odyssey technique.-Performed under reducing conditions.-Predicted band size:41 kDa.-Observed band size:41 kDa
Application:	ELISA,IP,WB
Recommended	WB: 1:500-1:1000; ELISA: 1:25000-1:50000; IP: 0.2-1 µL/mg of lysate

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: Human SULT2B1 Protein (TMPY-01616)

Antigen Species: Human

Synonyms: sulfotransferase family 2B member 1;SULT2B1;HSST2

Research Background

Sulfotransferase family cytosolic 2B member 1, also known as Sulfotransferase 2B1, ST2B1, Alcohol sulfotransferase, Hydroxysteroid sulfotransferase 2, SULT2B1 and HSST2, is a cytoplasm protein that belongs to the sulfotransferase 1 family. The human hydroxysteroid sulfotransferase (SULT) family is comprised of two subfamilies, SULT2A1 and SULT2B1. SULT2B1 is expressed highly in placenta, prostate and trachea. A lesser expression of SULT1B1 was observed in the small intestine and lung. SULT2B1 catalyzes the sulfate conjugation of many hormones, neurotransmitters, drugs and xenobiotic compounds. Sulfonation increases the water solubility of most compounds, and therefore their renal excretion, but it can also result in bioactivation to form active metabolites. SULT2B1 sulfates hydroxysteroids like DHEA. Isoform 1 preferentially sulfonates cholesterol. The two SULT2B1 isoforms, SULT2B1a and SULT2B1b, are encoded by a single gene as a result of alternative transcription initiation and alternative splicing. SULT2B1b catalyzes the sulfonation of 3beta-hydroxysteroid hormones and cholesterol, whereas SULT2B1a preferentially catalyzes pregnenolone sulfonation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481