

Immunotag™ SULT1E1 Antibody

Antibody Specification	
Catalog No.	ITA2791
Product Description	Immunotag™ SULT1E1 Antibody
Size	100 µg, 200 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	SULT1E1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SULT1E1.
Specificity	SULT1E1 antibody detects endogenous levels of SULT1E1.
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SULT1E1
Accession No.	P49888
Alternate Names	EST; EST-1; EST1; Estrogen sulfotransferase; estrogen-preferring; estrone sulfotransferase; ST1E1; ST1E1_HUMAN; STE; Sulfotransferase 1E1; Sulfotransferase; Sulfotransferase estrogen preferring; SULT1E1;

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Description	Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of estradiol and estrone. May play a role in the regulation of estrogen receptor activity by metabolizing free estradiol. Maximally sulfates beta-estradiol and estrone at concentrations of 20 nM. Also sulfates dehydroepiandrosterone, pregnenolone, ethinylestradiol, equalenin, diethylstilbesterol and 1-naphthol, at significantly higher concentrations; however, cortisol, testosterone and dopamine are not sulfated.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	32-35 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.