



Rabbit Anti-Human SULT1E1 monoclonal antibody, clone S138 (CABT-ZB701)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human SULT1E1
Target	SULT1E1
Immunogen	Recombinant Human SULT1E1 Protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	S138
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB701 - CABT-ZB1028 This antibody will detect SULT1E1 in antibody pair set. [ABPR-ZB280]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human SULT1E1.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL

Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Estrogen sulfotransferase, also known as Sulfotransferase, estrogen-preferring, Sulfotransferase 1E1, SULT1E1 and ST1E1, is a cytoplasm enzyme that belongs to the sulfotransferase 1 family. 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. SULT1E1 may control the level of the estrogen receptor by sulfurylating free estradiol. SULT1E1 maximally sulfates beta-estradiol and estrone at concentrations of 2 nM. SULT1E1 also sulfates dehydroepiandrosterone, pregnenolone, ethinylestradiol, equalenin, diethylstilbesterol and 1-naphthol, at significantly higher concentrations; however, cortisol, testosterone and dopamine are not sulfated. SULT1E1 is a key enzyme in estrogen homeostasis. It plays a central role in the prevention and development of human disease.
Keywords	SULT1E1; sulfotransferase family 1E, estrogen-preferring, member 1; estrogen sulfotransferase; estrogen-preferring

GENE INFORMATION

Synonyms	SULT1E1; sulfotransferase family 1E, estrogen-preferring, member 1; estrogen sulfotransferase; estrogen-preferring; EST; EST-1; EST1; Estrogen sulfotransferase; estrone sulfotransferase; ST1E1; ST1E1_HUMAN; STE; Sulfotransferase 1E1; Sulfotransferase; Sul
Entrez Gene ID	6783
UniProt ID	P49888