

Estrogen Sulfotransferase Antibody FITC Conjugated

Catalog No: #C00359F

Package Size: #C00359F 100ul

Description

Product Name	Estrogen Sulfotransferase Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 40-90 294 derived from human Estrogen Sulfotransferase?
Conjugates	FITC
Target Name	Estrogen Sulfotransferase
Other Names	EST; STE; EST-1; ST1E1; Estrogen sulfotransferase; Sulfotransferase 1E1; Sulfotransferase, estrogen-preferring; SULT1E1
Accession No.	Swiss-Prot#P49888NCBI Gene ID6783
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

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 2 nM. Also sulfates dehydroepiandrosterone, pregnenolone, ethinylestradiol, equalenin, diethylstilbesterol and 1-naphthol, at significantly higher concentrations; however, cortisol, testosterone and dopamine are not sulfated.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.