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Datasheet for ABIN5002168
anti-SULT1E1 antibody (AA 40-90) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	SULT1E1
Binding Specificity:	AA 40-90
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SULT1E1 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Estrogen Sulfotransferase
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SULT1E1
Alternative Name:	Estrogen Sulfotransferase (SULT1E1 Products)
Background:	Synonyms: EST, STE, EST-1, ST1E1, Estrogen sulfotransferase, Sulfotransferase 1E1,

Target Details

Sulfotransferase, estrogen-preferring, SULT1E1

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.

Gene ID: 6783

UniProt: [P49888](#)

Pathways: [Steroid Hormone Biosynthesis](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months