

Datasheet for ABIN7660464
anti-SULT1E1 antibody (CF®405S)



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Overview

Quantity:	100 µL
Target:	SULT1E1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SULT1E1 antibody is conjugated to CF®405S
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Sulfotransferase family 1E, estrogen-preferring, member 1(CPTC-SULT1E1-1), CF405S conjugate
Immunogen:	Recombinant full-length human SULT1E1 protein
Clone:	CPTC-SULT1E1-1
Isotype:	IgG2b, kappa
Characteristics:	The soluble sulfotransferases contribute to the elimination of xenobiotics, the activation of procarcinogens and the regulation of hormones by catalyzing the sulfate conjugation of these substances. SULT1E1, also known as STE, is a 294 amino acid member of the SULT1 family. Localized to the cytoplasm and expressed in intestine, liver and kidney, SULT1E1 exists as a homodimer that is thought to control estrogen receptor (ER) levels by sulfurylating free estradiol. Defects in the gene encoding SULT1E1 are associated with an increased risk for

Product Details

endometrial cancer, suggesting a role for SULT1E1 in tumorigenesis. Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels. CF® Dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	SULT1E1
Alternative Name:	Sulfotransferase family 1E, estrogen-preferring, member 1
Background:	Synonyms: EST, EST-1, EST1, Estrogen sulfotransferase, estrogen-preferring, estrone sulfotransferase, ST1E1, STE, Sulfotransferase 1E1, Sulfotransferase , Sulfotransferase estrogen preferring Gene Symbol: SULT1E1
Molecular Weight:	35 kDa
Gene ID:	6783
UniProt:	P49888
Pathways:	Steroid Hormone Biosynthesis

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Positive Control: HEP G2, liver, intestine and kidney.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1 mg/mL
Buffer:	PBS, 0.1 % BSA, 0.05 % azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Protect from light
Storage:	4 °C
Storage Comment:	Stable at room temperature or 37°C for 7 days. Protect from light Store at 2 to 8°C. Protect fluorescent conjugates from light
Expiry Date:	24 months