

Datasheet for ABIN6938465 **anti-SULT1E1 antibody**

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Overview

Quantity:	100 µg
Target:	SULT1E1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SULT1E1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant full-length human SULT1E1 protein
Clone:	CPTC-SULT1E1-1
Isotype:	IgG2b kappa
Specificity:	<p>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 endometrial cancer, suggesting a role for SULT1E1 in tumorigenesis.</p>
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	SULT1E1
Alternative Name:	SULT1E1 (SULT1E1 Products)
Background:	EST, EST-1,EST1, Estrogen sulfotransferase, estrogen-preferring, estrone sulfotransferase, ST1E1, STE, Sulfotransferase 1E1, Sulfotransferase , Sulfotransferase estrogen preferring,Sulfotransferase family 1E, estrogen-preferring, member 1 Cellular localisation: Cytoplasm
Molecular Weight:	35kDa
Gene ID:	6783, 479898
UniProt:	P49888
Pathways:	Steroid Hormone Biosynthesis

Application Details

Application Notes:	Known_Application: Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined. Positive_Control: Liver tissue lysates. Human liver, intestine or kidney.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months