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Datasheet for ABIN3043414 anti-SULT2B1 antibody (Middle Region)

3 Images



Overview

Quantity:	100 µg
Target:	SULT2B1
Binding Specificity:	AA 190-218, Middle Region
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SULT2B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Sulfotransferase family cytosolic 2B member 1(SULT2B1) detection. Tested with WB, IHC-P in Human,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human SULT2B1 (190- 218aa FDHIKGWLRMKGKDNFLFITYEELQQDLQ), different from the related mouse sequence by six amino acids, and from the related rat sequence by five amino acids.
Sequence:	FDHIKGWLRM KGKDNFLFIT YEELQQDLQ
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Sulfotransferase family cytosolic 2B member 1(SULT2B1) detection. Tested with WB, IHC-P in Human,Rat. Gene Name: sulfotransferase family 2B member 1

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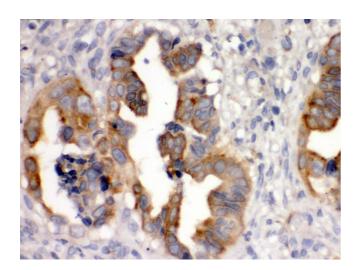
Product Details	
	Protein Name: Sulfotransferase family cytosolic 2B member 1
Purification:	Immunogen affinity purified.
Target Details	
Target:	SULT2B1
Alternative Name:	SULT2B1 (SULT2B1 Products)
Background:	Sulfotransferase family cytosolic 2B member 1 is an enzyme that in humans is encoded by the SULT2B1 gene. 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. The gene structure (number and length of exons) is similar among family members. And this gene sulfates dehydroepiandrosterone but not 4-nitrophenol, a typical substrate for the phenol and estrogen sulfotransferase subfamilies. Two alternatively spliced variants that encode different isoforms have been described. Synonyms: Alcohol sulfotransferase antibody/EC 2.8.2.2 antibody/HSST2 antibody/Hydroxysteroid sulfotransferase 2 antibody/ST2B1 antibody/ ST2B1_HUMAN antibody/Sulfotransferase 2B1 antibody/Sulfotransferase family cytosolic 2B member 1
	antibody SULT2B1 antibody SULT2B1a antibody SULT2B1b antibody
Gene ID:	6820
UniProt:	O00204
Pathways:	Steroid Hormone Biosynthesis
Application Details	
Application Notes:	WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections. Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).
Restrictions:	For Research Use only

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Handling

Format:LyophilizedReconstitution:Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.Concentration:500 µg/mLBuffer:Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mgPreservative:Sodium azidePrecaution of Use:This product contains Sodium azide: a POISONOUS AND HAZARDOUS should be handled by trained staff only.Handling Advice:Avoid repeated freezing and thawing.Storage:4 °C/-20 °CStorage Comment:At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aligneted and stored frozen at -20 °C for a longer time.	
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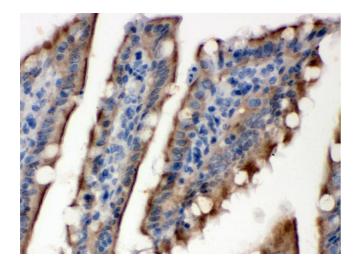
Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1.

130KD -	1	2	3	4
100KD				
55KD -	-	-	-	-
35KD-				
25KD -				
15KD -				



Western Blotting

Image 2.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3.

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