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anti-SULT1C4 antibody





Go to	D		
	Pron	HCL	nane

Overview	
Quantity:	100 μL
Target:	SULT1C4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SULT1C4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	
Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human SULT1C4.
Purification:	Antibody is purified by peptide affinity chromatography method.
Target Details	
Target:	SULT1C4
Alternative Name:	SULT1C4 (SULT1C4 Products)
Background:	SULT1C4 catalyzes the sulfate conjugation of many drugs, xenobiotic compounds, hormones, and neurotransmitters. It may be involved in the activation of carcinogenic hyroxylamines. SULT1C4 shows activity towards p-nitrophenol and N-hydroxy-2-acetylamino-fluorene (N-OH-2AAF). Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones,
	neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in

Target Details

	their tissue distributions and substrate specificities. The gene structure (number and length of	
	exons) is similar among family members. This gene encodes a protein that belongs to the	
	SULT1 subfamily, responsible for transferring a sulfo moiety from PAPS to phenol-containing	
	compounds.	
Molecular Weight:	35 kDa	
Gene ID:	27233	
NCBI Accession:	NP_006579	
UniProt:	075897	

Application Details

Application Notes:	SULT1C4 antibody can be used for detection of SULT1C4 by ELISA at 1:62500. SULT1C4
	antibody can be used for detection of SULT1C4 by western blot at 1 μ g/mL, and HRP
	conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 ?L of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store SULT1C4 antibody at -20 °C.

90 kDa__ 65 kDa__ 40 kDa__ 31 kDa__ 22 kDa__

Western Blotting

Image 1.