

For Research Use Only

SULT1C2 Polyclonal antibody

Catalog Number: 10662-1-AP **7 Publications**



Basic Information

Catalog Number: 10662-1-AP	GenBank Accession Number: BC005353	Purification Method: Antigen affinity purification
Size: 150UL, Concentration: 600 µg/ml by Nanodrop and 147 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6819	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: sulfotransferase family, cytosolic, 1C, member 2	
Isotype: IgG	Calculated MW: 35 kDa	
Immunogen Catalog Number: AG1064	Observed MW: 30-35 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: human stomach tissue, human kidney tissue, human liver tissue, mouse liver tissue

IHC: human prostate cancer tissue,

Background Information

SULT1C2, also named as SULT1C1, ST1C2, ST1C1, and humSULTC2, belongs to the sulfotransferase 1 family. It is a sulfotransferase enzymes that catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. SULT1C2 may be involved in the activation of carcinogenic hydroxylamines. It is responsible for transferring a sulfo moiety from PAPS to phenol-containing compounds.

Notable Publications

Author	Pubmed ID	Journal	Application
Shu Xiao-Hong XH	22096581	PLoS One	WB, IHC
Shuo Cong	33691721	Nutr Metab (Lond)	WB
Xu Zheng	30116486	Oxid Med Cell Longev	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

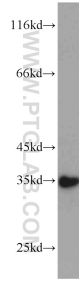
For technical support and original validation data for this product please contact:

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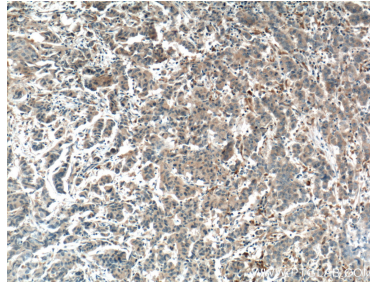
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W: ptglab.com

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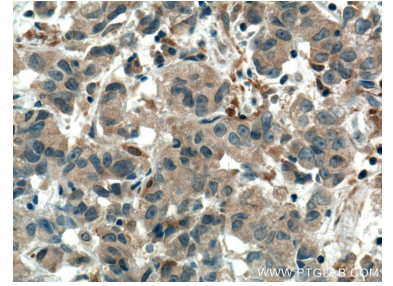
Selected Validation Data



human stomach tissue were subjected to SDS PAGE followed by western blot with 10662-1-AP (SULT1C2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 10662-1-AP (SULT1C2 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 10662-1-AP (SULT1C2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).