

For Research Use Only

SULT1A4 Polyclonal antibody

Catalog Number: 11376-1-AP



Basic Information

Catalog Number: 11376-1-AP	GenBank Accession Number: BC014471	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 750 µg/ml by Nanodrop and 447 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 445329	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:10-1:100
Source: Rabbit	Full Name: sulfotransferase family, cytosolic, 1A, phenol-preferring, member 4	
Isotype: IgG	Calculated MW: 295 aa, 34 kDa	
Immunogen Catalog Number: AG1935	Observed MW: 30-34 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Species Specificity:

human, mouse

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 colon tissue, BxPC-3 cells, HepG2 cells, human pancreas tissue, mouse pancreas tissue

IHC: human breast cancer tissue,

IF: HepG2 cells,

Background Information

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

*** 20ul sizes contain 0.1% BSA

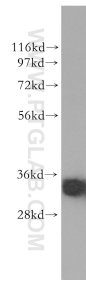
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

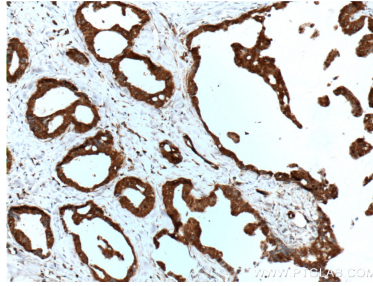
E: proteintech@ptglab.com
W: ptglab.com

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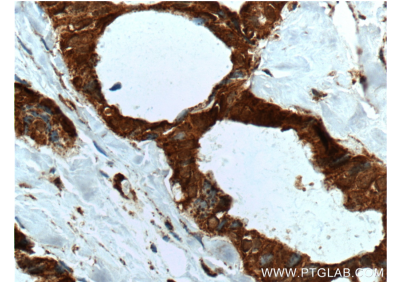
Selected Validation Data



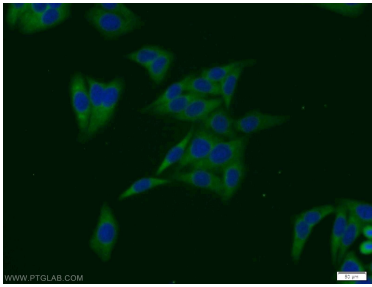
human colon tissue were subjected to SDS PAGE followed by western blot with 11376-1-AP (SULT1A4 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11376-1-AP (SULT1A4 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 breast cancer tissue slide using 11376-1-AP (SULT1A4 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells using 11376-1-AP (SULT1A4 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).