

For Research Use Only

UST Polyclonal antibody, PBS Only

Catalog Number: 27578-1-PBS



Basic Information

Catalog Number:

27578-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25483

GenBank Accession Number:

BC093668

GeneID (NCBI):

10090

UNIPROT ID:

Q9Y2C2

Full Name:

uronyl-2-sulfotransferase

Calculated MW:

406 aa, 48 kDa

Observed MW:

48 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

UST (Uronyl 2-sulfotransferase) is an enzyme that catalyzes the transfer of sulfate groups to the 2-position of uronyl residues, such as iduronyl residues in dermatan sulfate and glucuronyl residues in chondroitin sulfate (PMID: 10187838). UST is a critical regulator of melanoma cell adhesion and motility in vitro and in vivo. Abnormal expression or activity of UST has also been associated with certain diseases, such as breast pericanalicular fibroadenoma and acute retinal necrosis (PMID: 25480151).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

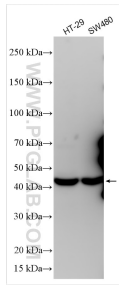
For technical support and original validation data for this product please contact:

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

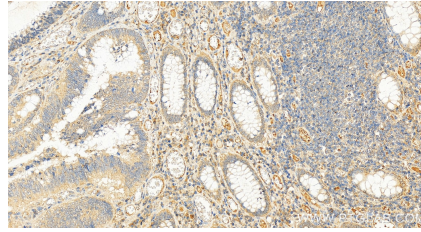
E: proteintech@ptglab.com
W: ptglab.com

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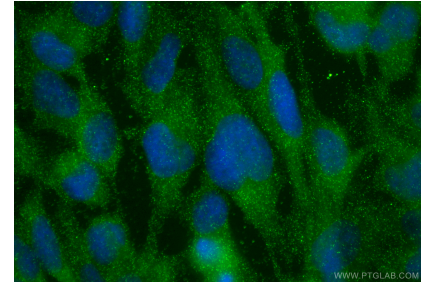
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27578-1-AP (UST antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27578-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 27578-1-AP (UST antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27578-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed U-251 cells using UST antibody (27578-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 27578-1-PBS in a different storage buffer formulation.