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# UST Antibody (C-term)
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**
**Catalog # AP17272b**

## Specification

### UST Antibody (C-term) - Product Information

| | |
|---|---|
| Application | **WB,E** |
| Primary Accession | Q9Y2C2 |
| Other Accession | Q8BUB6, NP_005706.1 |
| Reactivity | **Human** |
| Predicted | **Mouse** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **47673** |
| Antigen Region | **291-319** |

### UST Antibody (C-term) - Additional Information

**Gene ID** 10090

**Other Names**
Uronyl 2-sulfotransferase, 282-, UST, DS2ST

**Target/Specificity**
This UST antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 291-319 amino acids from the C-terminal region of human UST.

**Dilution**
WB~~1:1000

**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
UST Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### UST Antibody (C-term) - Protein Information

**Name** UST

**Synonyms** DS2ST

**Function** Sulfotransferase that catalyzes the transfer of sulfate to the position 2 of uronyl residues. Has mainly activity toward iduronyl residues in dermatan sulfate, and weaker activity toward glucuronyl residues of chondroitin sulfate. Has no activity toward desulfated N- resulfated heparin.

**Cellular Location**
Golgi apparatus membrane; Single- pass type II membrane protein

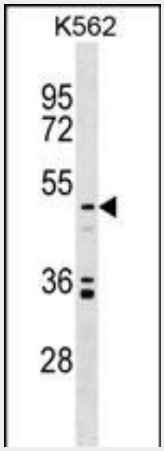
**Tissue Location**
Widely expressed..

## UST Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## UST Antibody (C-term) - Images




UST Antibody (C-term) (Cat. #AP17272b) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the UST antibody detected the UST protein (arrow).

## UST Antibody (C-term) - Background

Uronyl 2-sulfotransferase transfers sulfate to the 2-position of uronyl residues, such as iduronyl residues in dermatan sulfate and glucuronyl residues in chondroitin sulfate (Kobayashi et al., 1999 [PubMed 10187838]).

## UST Antibody (C-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Uher, R., et al. Am J Psychiatry 167(5):555-564(2010)

Trynka, G., et al. Gut 58(8):1078-1083(2009)
Xu, D., et al. J. Biol. Chem. 282(11):8356-8367(2007)
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