

AP46053PU-N**Polyclonal Antibody to UST / DS2ST (N-term) - Aff - Purified**

Alternate names:	Uronyl 2-sulfotransferase
Quantity:	50 µg
Background:	UST catalyzes the transfer of sulfate to the position 2 of uronyl residues. UST has mainly activity toward iduronyl residues in dermatan sulfate, and weaker activity toward glucuronyl residues of chondroitin sulfate. It has no activity toward desulfated N-resulfated heparin.
Uniprot ID:	Q9Y2C2
NCBI:	NM_005715
GeneID:	10090
Host:	Rabbit
Immunogen:	Synthetic peptide directed towards the N-terminal region of human UST AA Sequence: PPRFLLDLRQYLGNSTYLDDHGPPPSKVLFPFVSQVVYNRVGKCGSRTTVL
Format:	State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Purification: Immunoaffinity column
Applications:	Western blotting (0.2 - 1 µg/ml). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	UST: 48 kDa
Species Reactivity:	Tested: Human.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	"Molecular cloning and characterization of a human uronyl 2-sulfotransferase that sulfates iduronyl and glucuronyl residues in dermatan/chondroitin sulfate." Kobayashi M., Sugumaran G., Liu J., Shworak N.W., Silbert J.E., Rosenberg R.D. J. Biol. Chem. 274:10474-10480(1999) [PubMed: 10187838]

Pictures:

WB Suggested Anti-UST Antibody
Titration: 0.2-1 ug/ml; Positive Control:
PANC1 cell lysate

