

# HS3ST6 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12910

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q96QI5</a>
<b>Other Accession</b>	<a href="#">NM_001009606</a> , <a href="#">NP_001009606</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	37186

## Additional Information

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<b>Gene ID</b>	64711
<b>Alias Symbol</b>	HS3ST5
<b>Other Names</b>	Heparan sulfate glucosamine 3-O-sulfotransferase 6, 2.8.2.23, Heparan sulfate D-glucosaminyl 3-O-sulfotransferase 6, 3-OST-6, Heparan sulfate 3-O-sulfotransferase 6, h3-OST-6, HS3ST6, HS3ST5
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-HS3ST6 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	HS3ST6 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	HS3ST6
<b>Synonyms</b>	HS3ST5
<b>Function</b>	Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) to catalyze the transfer of a sulfo group to heparan sulfate. The substrate-specific O-sulfation generates an enzyme-modified heparan sulfate which acts as a binding receptor to Herpes Simplex Virus-1 (HSV-1) and permits its entry. Unlike 3-OST-1, does not convert non- anticoagulant heparan sulfate to anticoagulant heparan sulfate.

## Cellular Location

Golgi apparatus membrane; Single-pass type II membrane protein

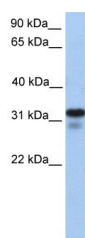
## References

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Xu,D.,Biochem.J.385(PT2),451-459(2005)ReconstitutionandStorage:Forshorttermuse,storeat2-8°Cupto1week.F  
orlongtermstorage,storeat-20°Cinsmallaliquotstopreventfreeze-thawcycles.

## Images

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WB Suggested Anti-HS3ST6 Antibody Titration: 0.2-1  
µg/ml  
Positive Control: 721\_B cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.