

#### OriGene Technologies, Inc.

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# Product datasheet for TA358807

## HS6ST1 Rabbit Polyclonal Antibody

#### **Product data:**

Product Type:	Primary Antibodies	
Applications:	WB	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Specificity:	<b>Expected reactivity</b> : Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat <b>Homology</b> : Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%	
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.	
Concentration:	lot specific	
Purification:	Affinity Purified	
Conjugation:	Unconjugated	
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.	
Stability:	Shelf life: one year from despatch.	
Predicted Protein Size:	48kDa	
Gene Name:	heparan sulfate 6-O-sulfotransferase 1	
Database Link:	<u>NP_004798</u> <u>Entrez Gene 9394 Human</u> <u>O60243</u>	
Background:	The protein encoded by this gene is a member of the heparan sulfate biosynthetic enzyme family. Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biological activities. This enzyme is a type II integral membrane protein and is responsible for 6-O-sulfation of heparan sulfate. This enzyme does not share significant sequence similarity with other known sulfotransferases. A pseudogene located on chromosome 1 has been found for this gene.	



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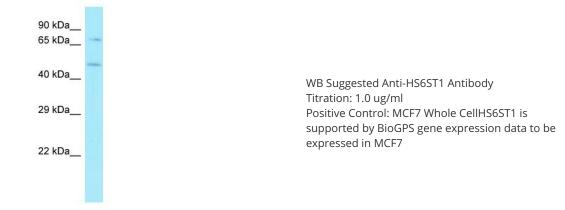
Synonyms:

### DKFZp547H098; FLJ25392; HS6ST; HS6ST-1; MGC116899; MGC116901

Protein Families: Transmembrane

Protein Pathways: Heparan sulfate biosynthesis

# **Product images:**



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