

## Goat anti-HS3ST1 Antibody

Item Number	dAP-3107
Target Molecule	Principle Name: HS3ST1; Official Symbol: HS3ST1; All Names and Symbols: HS3ST1; heparan sulfate (glucosamine) 3-O-sulfotransferase 1; 3OST; 3OST1; 3-OST-1; h3-OST-1; heparan sulfate 3-O-sulfotransferase 1; heparan sulfate D-glucosaminyl 3-O-sulfotransferase 1; heparan sulfate glucosamine 3-O-sulfotransferase 1; heparin-glucos; Accession Number (s): NP_005105.1; Human Gene ID(s): 9957; Non-Human GenID(s):
Immunogen	NKLHEYFHEPNKK, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 35kDa band observed in Human Brain (Cerebellum, Cerebral Cortex, Frontal Cortex) lysates (calculated MW of 35.8kDa according to NP_005105.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Edavettal SC, Carrick K, Shah RR, Pedersen LC, Tropsha A, Pope RM, Liu J. A conformational change in heparan sulfate 3-O-sulfotransferase-1 is induced by binding to heparan sulfate. <i>Biochemistry</i> 2004 Apr 43 (16): 4680-8..PMID: 15096036->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**