



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB12438 - Goat Anti-HS3ST1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 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

**Official Symbol:** HS3ST1

**Accession Number(s):** NP\_005105.1

**Human GeneID(s):** [9957](#)

### Immunogen

Peptide with sequence C-NKLHEYFHEPNKK, from the C Terminus of the protein sequence according to NP\_005105.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

### Applications Tested

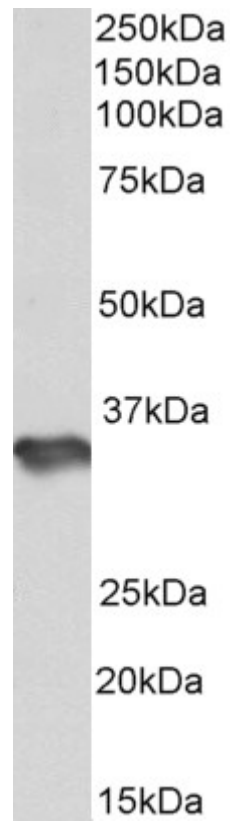
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**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.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Cow



EB12438 (1µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.