

PAJ076Hu01

Polyclonal Antibody to Galactose-3-O-Sulfotransferase 1 (GAL3ST1)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 200μL

Cross Reactivity: Mouse.

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant GAL3ST1 (Leu57~Phe196) expressed in *E.coli*

Accession No.: RPJ076Hu01

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 5-20μg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

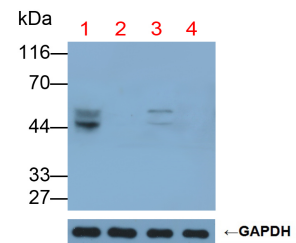
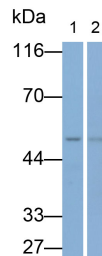
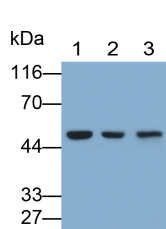
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

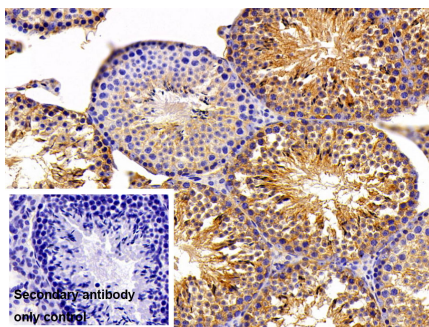
[IDENTIFICATION]



Western Blot; Samples: Lane1: Mouse Testis lysate; Lane2: Mouse Cerebrum lysate; Lane3: Mouse Lymph node lysate;
Primary Ab: 0.4μg/ml Rabbit Anti-Human GAL3ST1 Antibody
Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

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Western Blot; Samples: Lane1: GAL3ST1 transfected 293F cell lysate; Lane2: 293F cell lysate?negative control?; Lane3: SGC7901 cell lysate; Lane4: Raji cell lysate;
Primary Ab: 0.4μg/ml Rabbit Anti-Human GAL3ST1 Antibody
Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;

Sample: Mouse Testis Tissue

Primary Ab: 10μg/ml Rabbit Anti-Human GAL3ST1 Antibody

Control: Used PBS instead of primary antibody

Second Ab: 2?g/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.