

GAL3ST2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56178

Specification

GAL3ST2 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	O9H3Q3
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46110

GAL3ST2 Polyclonal Antibody - Additional Information

Gene ID 64090

Other Names

Galactose-3-O-sulfotransferase 2, Gal3ST-2, 2.8.2.-, Beta-galactose-3-O-sulfotransferase 2, Gal-beta-1, 3-GalNAc 3'-sulfotransferase 2, Glycoprotein beta-Gal 3'-sulfotransferase 2, GAL3ST2, GP3ST

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

GAL3ST2 Polyclonal Antibody - Protein Information

Name GAL3ST2

Synonyms GP3ST

Function

Transfers a sulfate group to the hydroxyl group at C3 of non-reducing beta-galactosyl residues. Acts both on type 1 (Gal-beta-1,3-GlcNAc) and type 2 (Gal-beta-1,4-GlcNAc) chains with similar efficiency.

Cellular Location

Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein

Tissue Location

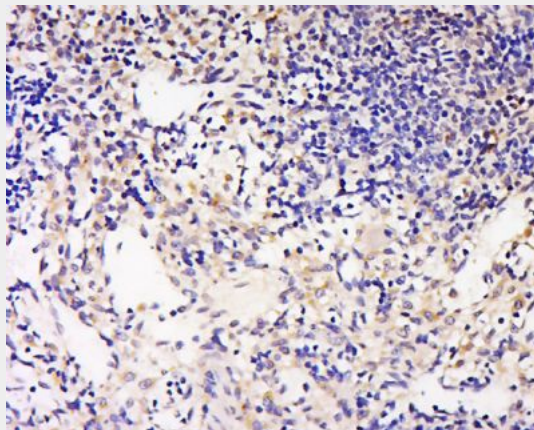
Ubiquitous. Detected in heart, stomach, colon, liver and spleen, in epithelial cells lining the lower to middle layer of the crypts in colonic mucosa, hepatocytes surrounding the central vein of the liver, extravillous cytotrophoblasts in the basal plate of the septum of the placenta, renal tubules of the kidney, and neuronal cells of the cerebral cortex.

GAL3ST2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GAL3ST2 Polyclonal Antibody - Images



Tissue/cell: Rat spleen tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-GAL3ST2 Polyclonal Antibody, Unconjugated(bs-16214R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining