

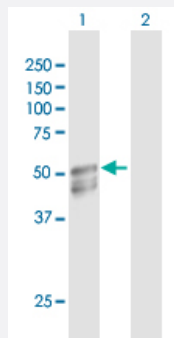
MaxPab®

# GAL3ST1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00009514-D01P

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of GAL3ST1 expression in transfected 293T cell line ([H00009514-T02](#)) by GAL3ST1 MaxPab polyclonal antibody.

Lane 1: GAL3ST1 transfected lysate(48.80 KDa).

Lane 2: Non-transfected lysate.

## Specification

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Rabbit polyclonal antibody raised against a full-length human GAL3ST1 protein.                                                                                                                                                                                                                                                                                                                                                          |
| Immunogen                     | GAL3ST1 (AAH14649.1, 1 a.a. ~ 423 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence                      | MLPPQKKPWESMAKGLVLGALFTSFLLLMYSYAVPPLHAGLASTTPEAAASCSPPALEPEAVIRANGSAGECQPRRNIVFLKTHKTASSTLLNILFRFGQKHRLKFAFPNGRNDFDYPTFFARSLVQDYRPGACFNI CNHMRFH YDEVRLVPTNAIFITVLRDPARLFESSFHYFGPVVPLTWKLSAGDKLTEFLQDPDRYDPNGFNAYHLRNLLFFDLGYDNSLDPSSPQVQEHI LEVERRFHLVLLQEYFDESLVLLKDLLCWELEDVLYFKLNARRDSPVPRLSGELYGRATAWNMLDSHLYRHFNASFWRKVEAFGRERMAREVAALRHANERMRTICIDGGHAVDAAAIQDEAMQPWQPLGTKSILGYNLKKSIGQRHAQLCRRMLTPEIQYLMDLGANLWVTKLWKFIRDFLRW |
| Host                          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reactivity                    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Interspecies Antigen Sequence | Mouse (84); Rat (84)                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Quality Control Testing       | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                 |
| Storage Buffer                | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                       |

## Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

## Gene Info — GAL3ST1

Entrez GeneID [9514](#)

GeneBank Accession# [BC014649.1](#)

Protein Accession# [AAH14649.1](#)

Gene Name GAL3ST1

Gene Alias CST

Gene Description galactose-3-O-sulfotransferase 1

Omim ID [602300](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Sulfonation, an important step in the metabolism of many drugs, xenobiotics, hormones, and neurotransmitters, is catalyzed by sulfotransferases. The product of this gene is galactosylceramide sulfotransferase which catalyzes the conversion between 3'-phosphoadenylylsulfate + a galactosylceramide to adenosine 3',5'-bisphosphate + galactosylceramide sulfate. Activity of this sulfotransferase is enhanced in renal cell carcinoma. [provided by RefSeq]

**Other Designations** GalCer sulfotransferase|cerebroside (3'-phosphoadenylylsulfate:galactosylceramide 3') sulfotransferase

## Pathway

- [Metabolic pathways](#)

- [Sphingolipid metabolism](#)