10320 Camino Santa Fe, Suite A
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β-1,3-Gal-T1 Polyclonal Antibody
Catalog # AP73185

Specification

β-1,3-Gal-T1 Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	Q9Y5Z6
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**

β-1,3-Gal-T1 Polyclonal Antibody - Additional Information

Gene ID 8708

Other Names
B3GALT1; Beta-1; 3-galactosyltransferase 1; Beta-1, 3-GalTase 1; Beta3Gal-T1; Beta3GalT1; UDP-galactose:beta-N-acetyl-glucosamine-beta-1, 3-galactosyltransferase 1

Dilution
WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

β-1,3-Gal-T1 Polyclonal Antibody - Protein Information

Name B3GALT1 (HGNC:916)

Function
Beta-1,3-galactosyltransferase that transfers galactose from UDP-alpha-D-galactose to substrates with a terminal beta-N- acetylglucosamine (beta-GlcNAc) residue. Involved in the biosynthesis of the carbohydrate moieties of glycolipids and glycoproteins. Inactive towards substrates with terminal alpha-N-acetylglucosamine (alpha- GlcNAc) or alpha-N-acetylgalactosamine (alpha-GalNAc) residues.

Cellular Location
Golgi apparatus membrane; Single- pass type II membrane protein

Tissue Location
Detected in brain and colon mucosa and to a lesser extent in colon adenocarcinoma cells.

β-1,3-Gal-T1 Polyclonal Antibody - Protocols

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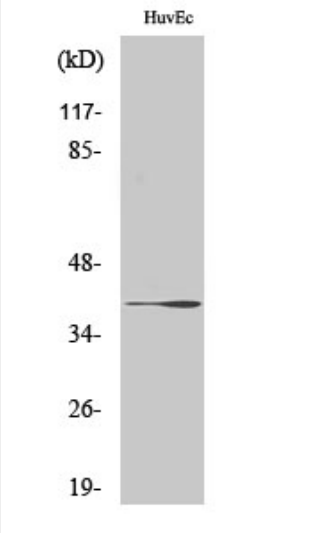
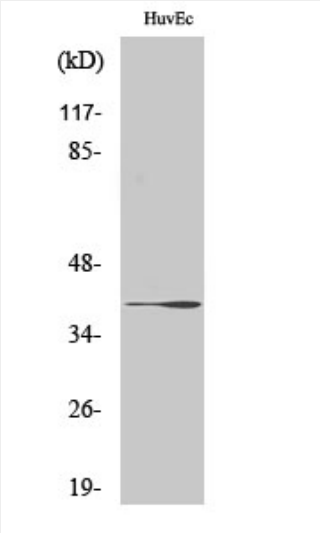
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

β-1,3-Gal-T1 Polyclonal Antibody - Images



Western Blot analysis of various cells using β-1,3-Gal-T1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Western Blot analysis of various cells using β-1,3-Gal-T1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

β-1,3-Gal-T1 Polyclonal Antibody - Background

Beta-1,3-galactosyltransferase that transfers galactose from UDP-alpha-D-galactose to substrates

with a terminal beta-N- acetylglucosamine (beta-GlcNAc) residue. Involved in the biosynthesis of the carbohydrate moieties of glycolipids and glycoproteins. Inactive towards substrates with terminal alpha-N- acetylglucosamine (alpha-GlcNAc) or alpha-N-acetylgalactosamine (alpha-GalNAc) residues.