

Datasheet for ABIN635734
anti-GAL3ST3 antibody (C-Term)



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1 Image

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | GAL3ST3 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GAL3ST3 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|---------------|---|
| Immunogen: | GAL3 ST3 antibody was raised using the C terminal of GAL3 T3 corresponding to a region with amino acids VDIMGYDLPGGGAGPATEACLK LAMPEVQYSNYLLRKQKRRGGARARPEP |
| Specificity: | GAL3 ST3 antibody was raised against the C terminal of GAL3 T3 |
| Purification: | Affinity purified |

Target Details

| | |
|-------------------|---|
| Target: | GAL3ST3 |
| Alternative Name: | GAL3ST3 (GAL3ST3 Products) |
| Background: | GAL3ST3 is a member of the galactose-3-O-sulfotransferase protein family. It catalyzes sulfonation by transferring a sulfate group to the 3' position of galactose in N-acetylactosamine in both type 2 (Gal-beta-1-4GlcNAc-R) oligosaccharides and core-2-branched |

Target Details

O-glycans, but not on type 1 or core-1-branched structures. This gene is different from the GAL3ST2 gene located on chromosome 2 that encodes a related enzyme with distinct tissue distribution and substrate specificities, compared to galactose-3-O-sulfotransferase 3.

Molecular Weight: 49 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: GAL3ST3 Blocking Peptide, catalog no. 33R-9463, is also available for use as a blocking control in assays to test for specificity of this GAL3ST3 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of GAL0 T3 antibody in PBS

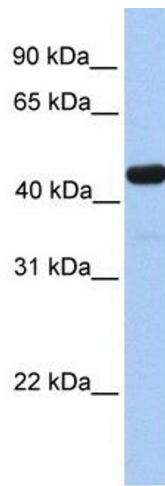
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. GAL3ST3 antibody used at 1 ug/ml to detect target protein.