β3Gn-T2 (T-13): sc-160949



The Power to Question

BACKGROUND

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: B3GNT2 (human) mapping to 2p15; B3gnt2 (mouse) mapping to 11 A3.2.

SOURCE

 β 3Gn-T2 (T-13) is an affinity purified goat polyclonal antibody raised against a peptide mapping within an internal region of β 3Gn-T2 of human origin.

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

PRODUCT

Each vial contains 200 μg IgG in 1.0 ml of PBS with <0.1% sodium azide and 0.1% gelatin.

Blocking peptide available for competition studies, sc-160949 P, (100 μ g peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

APPLICATIONS

 $\beta 3Gn\text{-}T2$ (T-13) is recommended for detection of $\beta 3Gn\text{-}T2$ of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000); non cross-reactive with other $\beta 3Gn\text{-}T$ family members.

 β 3Gn-T2 (T-13) is also recommended for detection of β 3Gn-T2 in additional species, including equine, canine and avian.

Suitable for use as control antibody for β 3Gn-T2 siRNA (h): sc-94700, β 3Gn-T2 siRNA (m): sc-108931, β 3Gn-T2 shRNA Plasmid (h): sc-94700-SH, β 3Gn-T2 shRNA Plasmid (m): sc-108931-SH, β 3Gn-T2 shRNA (h) Lentiviral Particles: sc-94700-V and β 3Gn-T2 shRNA (m) Lentiviral Particles: sc-108931-V.

Molecular Weight of β3Gn-T2: 46 kDa.

RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use donkey anti-goat IgG-HRP: sc-2020 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible donkey anti-goat IgG-HRP: sc-2033 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunofluorescence: use donkey anti-goat IgG-FITC: sc-2024 (dilution range: 1:100-1:400) or donkey anti-goat IgG-TR: sc-2783 (dilution range: 1:100-1:400) with UltraCruz™ Mounting Medium: sc-24941.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com or our catalog for detailed protocols and support products.

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