

ST8SIA1 Antibody

Ganglioside GD3 synthase

CATALOG NO.: XW-8145

BACKGROUND:

FUNCTION: Involved in the production of GD3 and GT3 from GM3. **CATALYTIC ACTIVITY:** CMP-N-acetylneuraminate + alpha-N-acetylneuraminy-2,3-beta-D-galactosyl-R = CMP + alpha-N-acetylneuraminy-2,8-alpha-N-acetylneuraminy-2,3-beta-D-galactosyl-R. **SIMILARITY:** Belongs to the glycosyltransferase 29 family. **PATHWAY:** Glycosylation. **SUBCELLULAR LOCATION:** Golgi apparatus; Golgi membrane; single-pass type II membrane protei

TESTED APPLICATION:

WB

SPECIES REACTIVITY:

H

CLONALITY:

Polyclonal

HOST:

Chicken

IMMUNOGEN:

37728

PROTEIN GI #:

4506953

PROTEIN ACCESSION #:

NP_003025.1

PURIFICATION:

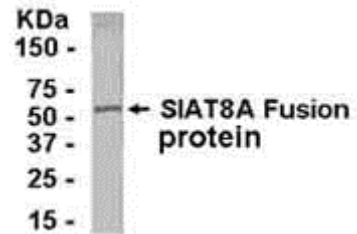
Immunoaffinity Purified

BUFFER:

Phosphate-Buffered Saline. No preservatives added.

APPLICATION:

alpha-N-acetylneuraminide alpha-2,8-sialyltransferase IgY antibody can be used for the detection of alpha-N-acetylneuraminide alpha-2,8-sialyltransferase by Western Blot.



E coli-derived fusion protein as test antigen. Affinity-purified IgY dilution: 1:2000, Goat anti-IgY-HRP dilution: 1:1000. Colorimetric method for signal development.

STORAGE:

This antibody can be stored at 4°C for short term (weeks). Long term storage should be at -20°C. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.