

• Rabbit Anti-GCS/glucosylceramide synthase Polyclonal Antibody

Primary Antibodies

Background:

GCS (glucosylceramide synthase) may serve as a 'flippase' as well as a glucosyltransferase that transfers glucose to ceramide. Able to use UDP-galactose to synthesize galactosylceramide with 10% of efficiency with which it utilizes UDP-glucose. [Catalytic activity] UDP-glucose + N-acylsphingosine = UDP + D-glucosyl-N-acylsphingosine. Lipid metabolism; sphingolipid metabolism. [Subcellular location] Endoplasmic reticulum membrane; Multi-pass membrane protein. Belongs to the glucosyltransferase 2 family.

Source/Purification:

KLH conjugated synthetic peptide derived from human GCS C-terminus. Was purified by Protein A and peptide affinity chromatography.

Storage: Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year.

Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

Size: 100ul or 100ug lyophilized

Concentration: 1ug/ul

Host: Rabbit

Reactivities: Human, Mouse, Rat, Cow,

Application:

- WB(1:100-500)
- ELISA(1:500-1000)
- IP(1:20-100)
- IHC-P(1:100-500)
- IHC-F(1:100-500)
- IF(1:100-500)
- Not yet tested in other applications.
Optimal working dilutions must be determined by the end user.

Antibody Type: Polyclonal

Isotype: IgG

Molecular Weight: 44kDa

Preservatives:

10ug/ul BSA and 0.1% NaN₃.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.