

CERS6 polyclonal antibody

Catalog: BS31984

Host: Rabbit

Reactivity: Human

BackGround:

Ceramide synthase 6: Ceramide synthase that catalyzes the transfer of the fatty acyl chain from acyl-CoA to a sphingoid base, with high selectivity toward palmitoyl-CoA (hexadecanoyl-CoA; C16:0-CoA). Can use different sphingoid bases as substrates for ceramide synthesis, such as sphinganine in de novo synthesis, and sphing-4E-enine (sphingosine), (4R)-hydroxysphinganine (phytosphingosine) or sphinga-4E,14Z-dienine in salvage pathways. Other fatty acyl-CoAs such as long-chain saturated stearoyl-CoA (octadecanoyl-CoA; C18:0-CoA), myristoyl-CoA (tetradecanoyl-CoA; C14:0-CoA), and monounsaturated oleoyl-CoA (9Z-octadecenoyl-CoA; C18:1-CoA) can also act as acyl donors, but with less efficiency than hexadecanoyl-CoA. Ceramides generated by CERS6 play a role in inflammatory response (By similarity). Acts as a regulator of metabolism and hepatic lipid accumulation (By similarity). Under high fat diet, palmitoyl...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~44.9 kDa

Swiss-Prot:

Q6ZMG9

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

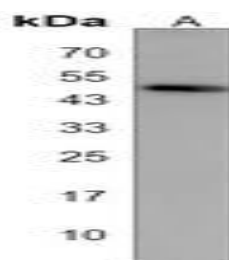
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of CERS6 protein.

DATA:



Western blot analysis of CERS6 expression in K562 (A) whole cell lysates.

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151