



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SERINC5 polyclonal antibody

Catalog: BS32835

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Serine incorporator 5: Restriction factor required to restrict infectivity of lentiviruses, such as HIV-1: acts by inhibiting an early step of viral infection. Impairs the penetration of the viral particle into the cytoplasm. Non-ATP-dependent, non-specific lipid transporter for phosphatidylserine, phosphatidylcholine, and phosphatidylethanolamine. Functions as a scramblase that flips lipids in both directions across the membrane. Phospholipid scrambling results in HIV-1 surface exposure of phosphatidylserine and loss of membrane asymmetry, which leads to changes in HIV-1 Env conformation and loss of infectivity. Enhances the incorporation of serine into phosphatidylserine and sphingolipids. May play a role in providing serine molecules for the formation of myelin glycosphingolipids in oligodendrocytes (By similarity)

Product:

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

Molecular Weight:

~47.0 kDa

Swiss-Prot:

Q86VE9

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 SERINC5 protein.

DATA:



Western blot analysis of Glucagon expression in HepG2 (A), HT29 (B) whole cell lysates.

Note:

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

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