

ANGPTL3 polyclonal antibody

Catalog: BS60658

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Angiopoietin-like protein 3 (Angptl3) functions as a potent lipoprotein lipase inhibitor and is an important component of plasma triglyceride homeostasis. Angptl3 also plays a role in adipose formation and angiogenesis through its interaction with integrin $\alpha(v)\beta(3)$. It is secreted by the liver and is functionally defined by the C-terminal fibrinogen (FBN)-like domain and an N-terminal coiled-coil domain. Angptl3 regulates circulating triglyceride levels during different nutritional states thereby mediating the feeding/fasting cycle. A deficiency of Angptl3 results in abnormally low lipid levels, and a repression of the protein may be protective against atherosclerosis. Angptl3 may also play an important role in hyperlipidemia in diabetes.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 54 kDa

Swiss-Prot:

Q9Y5C1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

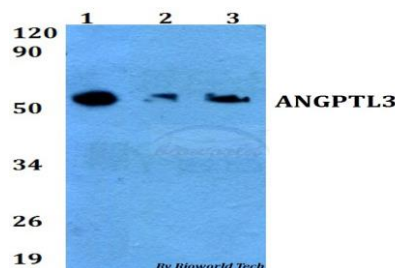
Storage&Stability:

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

Specificity:

ANGPTL3 polyclonal antibody detects endogenous levels of ANGPTL3 protein.

DATA:



Western blot (WB) analysis of ANGPTL3 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:PC12 whole cell lysate

Note:

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

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